



CITY OF HALF MOON BAY

City Hall • 501 Main Street • Half Moon Bay • CA • 94019

September 15, 2013

Mr. Bruce H. Wolfe
Executive Officer
San Francisco Bay Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA 94612

Subject: City of Half Moon Bay
FY 2012/13 Annual Report

Dear Mr. Wolfe:

This letter and Annual Report with attachments is submitted by the City of Half Moon Bay pursuant to Permit Provision C.16.a of the Municipal Regional Stormwater NPDES Permit (MRP), Order R2-2009-0074, NPDES Permit No CAS612008 issued by the San Francisco Bay Regional Water Quality Control Board. The Annual Report provides documentation of compliance activities conducted during FY 2012/13 and related accomplishments.

Please contact me at 650-726-8265 regarding any questions or concerns.

Very truly yours,

Mo Sharma
Mo Sharma
City Engineer



CITY OF HALF MOON BAY

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CITY OF HALF MOON BAY FY 2012/13 ANNUAL REPORT

Certification Statement

"I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature of Duly Authorized Representative:

Mo Sharma

Mo Sharma
City Engineer

9-13-2013

Date

ATTACHMENT B

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Permittee Name: City of Half Moon Bay

Section 1 – Permittee Information

Background Information				
Permittee Name:	City of Half Moon Bay			
Population:	11,324 (2010 Census)			
NPDES Permit No.:	CAS612008			
Order Number:	R2-2009-0074R			
Reporting Time Period (month/year):	July 2012 through June 2013			
Name of the Responsible Authority:	Mo Sharma		Title:	City Engineer
Mailing Address:	501 Main Street			
City:	Half Moon Bay	Zip Code:	94019	County: San Mateo
Telephone Number:	(650)-726-8260	Fax Number:	(650)-726-8261	
E-mail Address:	msharma@hmbcity.com			
Name of the Designated Stormwater Management Program Contact (if different from above):	Mark Lander		Title:	Stormwater Coordinator
Department:	Engineering			
Mailing Address:	501 Main Street			
City:	Half Moon Bay	Zip Code:	94019	County: San Mateo
Telephone Number:	(650)-522-2562	Fax Number:	(650)-726-8261	
E-mail Address:	markl@csgengr.com			

Section 2 - Provision C.2 Reporting Municipal Operations

Program Highlights and Evaluation

Highlight/summarize activities for reporting year:

Summary:

Municipal operations activities for the reporting period include: (1) participation in the SMCWPPP Public Works Municipal Maintenance Subcommittee and Trash Work Group meetings, (2) Storm Drain System Screening for Illicit Discharges, (3) Trash Hot Spot Cleanup, (4) Inspection and replacement of storm drain inlet markers (NO DUMPING – DRAINS TO OCEAN), (5) Street Sweeping, (6) Pre-winter storm drain cleaning, including cleaning of trash filter screens, and (7) ongoing litter and debris pickup at City parks, one Little League field, and one beach area.

Refer to the C.2 Municipal Operations section of the SMCWPPP FY 12-13 Annual Report for a description of activities implemented at the countywide and/or regional level.

C.2.a. ► Street and Road Repair and Maintenance

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

Y	Control of debris and waste materials during road and parking lot installation, repaving or repair maintenance activities from polluting stormwater
Y	Control of concrete slurry and wastewater, asphalt, pavement cutting, and other street and road maintenance materials and wastewater from discharging to storm drains from work sites.
Y	Sweeping and/or vacuuming and other dry methods to remove debris, concrete, or sediment residues from work sites upon completion of work.

Comments:

N/A

C.2.b. ► Sidewalk/Plaza Maintenance and Pavement Washing

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

N/A	Control of wash water from pavement washing, mobile cleaning, pressure wash operations at parking lots, garages, trash areas, gas station fueling areas, and sidewalk and plaza cleaning activities from polluting stormwater
Y	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs
Comments: The City of Half Moon Bay does not utilize power washing for cleaning parking lots, sidewalk, or other City facilities.	

C.2.c. ► Bridge and Structure Maintenance and Graffiti Removal

Place a **Y** in the boxes next to activities where applicable BMPs were implemented. If not applicable, type **NA** in the box and provide an explanation in the comments section below. Place an **N** in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.

Y	Control of discharges from bridge and structural maintenance activities directly over water or into storm drains
Y	Control of discharges from graffiti removal activities
Y	Proper disposal for wastes generated from bridge and structure maintenance and graffiti removal activities
Y	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs for graffiti removal
Y	Employee training on proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
N/A	Contract specifications requiring proper capture and disposal methods for wastes generated from bridge and structural maintenance and graffiti removal activities.
Comments: Graffiti abatement is done by municipal staff as stated above and not contracted out.	

C.2.d. ► Stormwater Pump Stations						
Does your municipality own stormwater pump stations:		<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	
If your answer is No then skip to C.2.e.						
Complete the following table for dry weather DO monitoring and inspection data for pump stations ¹ (add more rows for additional pump stations). If a pump station is exempt from DO monitoring, explain why it is exempt.						
Pump Station Name and Location	First inspection Dry Weather DO Data		Second inspection Dry Weather DO Data			
	Date	mg/L	Date	mg/L		
N/A	N/A	N/A	N/A	N/A		
Summarize corrective actions as needed for DO monitoring at or below 3 mg/L. Attach inspection records of additional DO monitoring for corrective actions: N/A						
Summary: N/A						
Attachments: N/A						
Complete the following table for wet weather inspection data for pump stations (add more rows for additional pump stations):						
Pump Station Name and Location	Date (2x/year required)	Presence of Trash (Cubic Yards)	Presence of Odor (Yes or No)	Presence of Color (Yes or No)	Presence of Turbidity (Yes or No)	Presence of Floating Hydrocarbons (Yes or No)
N/A	N/A	N/A	N/A	N/A	N/A	N/A

¹ DO monitoring is exempted where all discharge from a pump station remains in a stormwater collection system or infiltrates into a dry creek immediately downstream.

C.2.e. ► Rural Public Works Construction and Maintenance	
Does your municipality own/maintain rural ² roads:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If your answer is No then skip to C.2.f.	
Place a Y in the boxes next to activities where applicable BMPs were implemented. If not applicable, type NA in the box and provide an explanation in the comments section below. Place an N in the boxes next to activities where applicable BMPs were not implemented for one or more of these activities during the reporting fiscal year, then in the comments section below provide an explanation of when BMPs were not implemented and the corrective actions taken.	
Y	Control of road-related erosion and sediment transport from road design, construction, maintenance, and repairs in rural areas
Y	Identification and prioritization of rural road maintenance based on soil erosion potential, slope steepness, and stream habitat resources
N/A	No impact to creek functions including migratory fish passage during construction of roads and culverts
Y	Inspection of rural roads for structural integrity and prevention of impact on water quality
N/A	Maintenance of rural roads adjacent to streams and riparian habitat to reduce erosion, replace damaging shotgun culverts and excessive erosion
Y	Re-grading of unpaved rural roads to slope outward where consistent with road engineering safety standards, and installation of water bars as appropriate
N/A	Inclusion of measures to reduce erosion, provide fish passage, and maintain natural stream geomorphology when replacing culverts or design of new culverts or bridge crossings
Comments including listing increased maintenance in priority areas: No creeks/ waterways are located in the immediate vicinity of the rural road. There was no construction activity within live creeks or streams and no impact to migration or stream and riparian habitat.	

² Rural means any watershed or portion thereof that is developed with large lot home-sites, such as one acre or larger, or with primarily agricultural, grazing or open space uses.

C.2.f. ► Corporation Yard BMP Implementation

Place an **X** in the boxes below that apply to your corporations yard(s):

<input type="checkbox"/>	We do not have a corporation yard
<input type="checkbox"/>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
<input checked="" type="checkbox"/>	We have a Stormwater Pollution Prevention Plan (SWPPP) for the Corporation Yard(s)

Place an **X** in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type **NA** in the box. If one or more of the BMPs were not adequately implemented during the reporting fiscal year then indicate so and explain in the comments section below:

<input type="checkbox"/>	Control of pollutant discharges to storm drains such as wash waters from cleaning vehicles and equipment
<input checked="" type="checkbox"/>	Routine inspection prior to the rainy seasons of corporation yard(s) to ensure non-stormwater discharges have not entered the storm drain system
<input type="checkbox"/>	Containment of all vehicle and equipment wash areas through plumbing to sanitary or another collection method
<input checked="" type="checkbox"/>	Use of dry cleanup methods when cleaning debris and spills from corporation yard(s) or collection of all wash water and disposing of wash water to sanitary or other location where it does not impact surface or groundwater when wet cleanup methods are used
<input type="checkbox"/>	Cover and/or berm outdoor storage areas containing waste pollutants

Comments:

- 1) **Washing, maintenance, and fueling of vehicles does not occur onsite.**
- 2) **No hazardous materials or wastes are stored onsite.**

It is noted that the Corporation Yard does not have a closed storm drain system (surface drainage only).

If you have a corporation yard(s) that is not an NOI facility , complete the following table for inspection results for your corporation yard(s) or attach a summary including the following information:

Corporation Yard Name	Inspection Date (1x/year required)	Inspection Findings/Results	Follow-up Actions
HMB Corp Yard, 880 Stone Pine Road	October 12, 2012	a) Good Housekeeping BMP's were being implemented b) No vehicle and equipment washing is performed at the site c) No fuel is dispensed at the site	N/A

		<ul style="list-style-type: none">d) Municipal vehicle, heavy equipment, and employee parking BMP's are being implementede) Waste and recycling BMP's are being implemented; no hazard waste is stored onsitef) No materials are stored outdoors at the site	
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Section 3 - Provision C.3 Reporting New Development and Redevelopment

C.3.b.v.(2)(a) ► Green Streets Status Report

(All projects to be completed by December 1, 2014)

On an annual basis (if applicable), report on the status of any pilot green street projects within your jurisdiction. For each completed project, report the capital costs, operation and maintenance costs, legal and procedural arrangements in place to address operation and maintenance and its associated costs, and the sustainable landscape measures incorporated in the project including, if relevant, the score from the Bay-Friendly Landscape Scorecard.

Summary:

The City of Half Moon Bay does not have a pilot green street project within its jurisdiction.

The C.3 New Development and Redevelopment section of the SMCWPPP FY 12-13 Annual Report includes a description of activities conducted at the countywide or regional level.

C.3.b.v.(2)(c) ► Summary of Green Street Projects Completed by January 1, 2013

(For FY 12-13 Annual Report only) Provide a summary of all green street projects completed by January 1, 2013.

Summary:

BASMAA has prepared a regional summary of all green street pilot projects. The Green Street Pilot Project Summary Report is being submitted by BASMAA, on behalf of the MRP permittees, in BASMAA's MRP FY 12-13 Regional Supplement – New Development and Redevelopment. The Green Streets Pilot Project Summary Report contains all of the required elements listed in Provision C.3.b.v.(2)(c) for all green street projects completed by January 1, 2013, as well as information on projects not yet completed.

C.3.b.v.(1) ► Regulated Projects Reporting

Fill in attached table **C.3.b.v.(1)** or attach your own table including the same information.

The City did not approve (entitle) any regulated projects during the last year. The City did entitle a commercial project at 200 San Mateo Road. The project was determined to be non-regulated project. The project provided full storm runoff treatment through a combination of infiltration and

bio-filtration (flow-through planters).

C.3.e.v. ► Alternative or In-Lieu Compliance with Provision C.3.c.

(For FY 11-12 Annual Report and each Annual Report thereafter)

Is your agency choosing to require 100% LID treatment onsite for all Regulated Projects and not allow alternative compliance under Provision C.3.e.?

	Yes	X	No
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Comments (optional): **The City of Half Moon Bay will allow alternative compliance on a case-by-case basis. To date, no projects have elected to use alternative compliance.**

C.3.e.vi ► Special Projects Reporting

1. Has your agency received, but not yet granted final discretionary approval of, a development permit application for a project that has been identified as a potential Special Project based on criteria listed in MRP Provision C.3.e.ii(2) for any of the three categories of Special Projects (Categories A, B or C)?

	Yes	X	No
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2. Has your agency granted final discretionary approval of a project identified as a Special Project in the March 15, 2013 report? If yes, include the project in both the C.3.b.v.(1) Table, and the C.3.e.vi. Table.

	Yes	X	No
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If you answered "Yes" to either question,

- 1) Complete Table C.3.e.vi . below.
- 2) Attach narrative discussion of 100% LID Feasibility or Infeasibility for each project.

C.3.h.iv. ► Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

(1) Fill in attached table **C.3.h.iv.(1)** or attach your own table including the same information.

Two treatment measures (underground units) exist on private properties within the City of Half Moon Bay. Please see below for a brief discussion on each. Only one was installed as a regulated project (Carnoustie Subdivision).

1. Lesley Gardens: One underground Vortechs unit is located on the site at 925 Main St., but was installed in 2002 within a storm drain easement benefitting the adjacent Senior Housing project (now called Lesley Gardens). Per the project's Maintenance Agreement, maintenance was performed by the private owners of the Lesley Gardens site.
2. Carnoustie Subdivision: One Kristar Up-Flo Filter (underground treatment measure) was installed for this site in 2009. Entitlements for this subdivision were obtained prior to the current permit becoming active. Because the tracking list was not created, this unit was overlooked by current staffing and not inspected.

Although the City's O&M Verification and Maintenance plan is thorough and was updated this year, the City recognizes deficiencies in tracking of existing treatment measures. A list will be created and updated throughout the next fiscal year. The City is scheduled to perform thorough inspections of all treatment measures next year.

The O&M List will also contain the full-trash capture devices (listed in Section C.10) for which the City is responsible to maintain, so that all treatment measures requiring inspection and maintenance will be listed in a single document.

(2) On an annual basis, provide a discussion of the inspection findings for the year and any common problems encountered with various types of treatment systems and/or HM controls. This discussion should include a general comparison to the inspection findings from the previous year.

Summary:

The City's inspection of treatment needs improvement.

(3) On an annual basis, provide a discussion of the effectiveness of the O&M Program and any proposed changes to improve the O&M Program (e.g., changes in prioritization plan or frequency of O&M inspections, other changes to improve effectiveness program).

Summary:

The City's O&M Program will be improved. The O&M Verification Inspection plan was updated in February 2013. The update to the inspection plan was to change the language to address the Water Board's NOV's to some cities that year regarding minimum number of required inspections and some other minor changes. A requirement will be added to update the list of current O&M facilities after each project is complete.

(4) During the reporting year, did your agency:					
• Inspect all newly installed stormwater treatment systems and HM controls within 45 days of installation?		Yes	X	No	Not applicable. No new facilities were installed.
• Inspect at least 20 percent of the total number of installed stormwater treatment systems or HM controls? ³		Yes	X	No	Not applicable. No treatment measures
• Inspect at least 20 percent of the total number of installed vault-based systems?		Yes	X	No	Not applicable. No vault systems.
If you answered "No" to any of the questions above, please explain: Please refer to the discussion provided in section C.3.h.iv above regarding lack of O&M inspections for existing treatment measures. Both existing sites will be inspected as quickly as during the next fiscal year.					

C.3.i. ► Required Site Design Measures for Small Projects and Detached Single Family Home Projects

On an annual basis, discuss the implementation of the requirements of Provision C.3.i, including ordinance revisions, permit conditions, development of standard specifications and/or guidance materials, and staff training.

Summary:

BASMAA prepared standard specifications in four fact sheets regarding the site design measures listed in Provision C.3.i, as a resource for Co-permittees. The City has modified local ordinances/policies/procedures and forms/checklists to require all applicable projects approved after December 1, 2012 to implement at least one of the site design measures listed in Provision C.3.i. The City is using the following Program and BASMAA products for C.3.i implementation:

- **BASMAA's site design fact sheets**
- **The SMCWPPP C.3 Regulated Projects Checklist**
- **C.3.i guidance provided by the SMCWPPP C.3 Stormwater Technical Guidance document Appendix L**

The City of Half Moon Bay contracts miscellaneous engineering and inspection services with CSG Consultants, Inc. Sophie Truong & Muneer Ahmed of CSG Consultants both attended the SMCWPPP's May 22nd New Development Workshop where small projects were discussed.

³ If there is only 1 treatment measure in the jurisdiction, the agency must inspect it every year.

In addition the following in-house training were performed by Muneer Ahmed:

1. 08/23/12: LID and overall Provision C.3 Requirements to City staff (Engineering and Planning Departments)
2. 10/05/12: Training/Refresher on LID/C.3 and C.6 to City staff (Engineering, Building and Planning Departments)

C.3.b.v.(1) ► Regulated Projects Reporting Table (part 1) – Projects Approved During the Fiscal Year Reporting Period

Project Name Project No.	Project Location ¹⁰ , Street Address	Name of Developer	Project Phase No. ¹¹	Project Type & Description ¹²	Project Watershed ¹³	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft²) ¹⁴	Total Replaced Impervious Surface Area (ft²) ¹⁵	Total Pre- Project Impervious Surface Area ¹⁶ (ft²)	Total Post- Project Impervious Surface Area ¹⁷ (ft²)
Private Projects											
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Public Projects	No Regulated Public Projects were approved during this reporting period.										
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Comments:											

¹⁰ Include cross streets

¹¹ If a project is being constructed in phases, indicate the phase number and use a separate row entry for each phase. If not, enter “NA”.

¹² Project Type is the type of development (i.e., new and/or redevelopment). Example descriptions of development are: 5-story office building, residential with 160 single-family homes with five 4-story buildings to contain 200 condominiums, 100 unit 2-story shopping mall, mixed use retail and residential development (apartments), industrial warehouse.

¹³ State the watershed(s) in which the Regulated Project is located. Downstream watershed(s) may be included, but this is optional.

¹⁴ All impervious surfaces added to any area of the site that was previously existing pervious surface.

¹⁵ All impervious surfaces added to any area of the site that was previously existing impervious surface.

¹⁶ For redevelopment projects, state the pre-project impervious surface area.

¹⁷ For redevelopment projects, state the post-project impervious surface area.

C.3.b.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (private projects)

Project Name Project No.	Application Deemed Complete Date ¹⁸	Application Final Approval Date ¹⁹	Source Control Measures ²⁰	Site Design Measures ²¹	Treatment Systems Approved ²²	Type of Operation & Maintenance Responsibility Mechanism ²³	Hydraulic Sizing Criteria ²⁴	Alternative Compliance Measures ^{25/26}	Alternative Certification ²⁷	HM Controls ^{28/29}
Private Projects										
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Comments:
None

¹⁸ For private projects, state project application deemed complete date. If the project did not go through discretionary review, report the building permit issuance date.

¹⁹ For private projects, state project application final discretionary approval date. If the project did not go through discretionary review, report the building permit issuance date.

²⁰ List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

²¹ List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

²² List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

²³ List the legal mechanism(s) (e.g., O&M agreement with private landowner; O&M agreement with homeowners' association; O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

²⁴ See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

²⁵ For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

²⁶ For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.

²⁷ Note whether a third party was used to certify the project design complies with Provision C.3.d.

²⁸ If HM control is not required, state why not.

²⁹ If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

C.3.b.v.(1) ► Regulated Projects Reporting Table (part 2) – Projects Approved During the Fiscal Year Reporting Period (public projects)

Project Name Project No.	Approval Date ³⁰	Date Construction Scheduled to Begin	Source Control Measures ³¹	Site Design Measures ³²	Treatment Systems Approved ³³	Operation & Maintenance Responsibility Mechanism ³⁴	Hydraulic Sizing Criteria ³⁵	Alternative Compliance Measures ^{36/37}	Alternative Certification ³⁸	HM Controls ^{39/40}
Public Projects No Regulated Projects were approved this reporting period.										
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Comments:
N/A

³⁰ For public projects, enter the plans and specifications approval date.

³¹ List source control measures approved for the project. Examples include: properly designed trash storage areas; storm drain stenciling or signage; efficient landscape irrigation systems; etc.

³² List site design measures approved for the project. Examples include: minimize impervious surfaces; conserve natural areas, including existing trees or other vegetation, and soils; construct sidewalks, walkways, and/or patios with permeable surfaces, etc.

³³ List all approved stormwater treatment system(s) to be installed onsite or at a joint stormwater treatment facility (e.g., flow through planter, bioretention facility, infiltration basin, etc.).

³⁴ List the legal mechanism(s) (e.g., maintenance plan for O&M by public entity, etc...) that have been or will be used to assign responsibility for the maintenance of the post-construction stormwater treatment systems.

³⁵ See Provision C.3.d.i. "Numeric Sizing Criteria for Stormwater Treatment Systems" for list of hydraulic sizing design criteria. Enter the corresponding provision number of the appropriate criterion (i.e., 1.a., 1.b., 2.a., 2.b., 2.c., or 3).

³⁶ For Alternative Compliance at an offsite location in accordance with Provision C.3.e.i.(1), on a separate page, give a discussion of the alternative compliance site including the information specified in Provision C.3.b.v.(1)(m)(i) for the offsite project.

³⁷ For Alternative Compliance by paying in-lieu fees in accordance with Provision C.3.e.i.(2), on a separate page, provide the information specified in Provision C.3.b.v.(1)(m)(ii) for the Regional Project.

³⁸ Note whether a third party was used to certify the project design complies with Provision C.3.d.

³⁹ If HM control is not required, state why not.

⁴⁰ If HM control is required, state control method used (e.g., method to design and size device(s) or method(s) used to meet the HM Standard, and description of device(s) or method(s) used, such as detention basin(s), bioretention unit(s), regional detention basin, or in-stream control).

C.3.h.iv. ► Table of Installed Stormwater Treatment Systems Operation and Maintenance Verification Inspection Program Reporting

Fill in table below or attach your own table including the same information.

No Stormwater treatment facilities were inspected.

Name of Facility/Site Inspected	Address of Facility/Site Inspected	Newly Installed? (YES/NO) ⁴¹	Party Responsible ⁴² For Maintenance	Date of Inspection	Type of Inspection ⁴³	Type of Treatment/HM Control(s) Inspected ⁴⁴	Inspection Findings or Results ⁴⁵	Enforcement Action Taken ⁴⁶	Comments/Follow-up
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

⁴¹ Indicate “YES” if the facility was installed within the reporting period, or “NO” if installed during a previous fiscal year.

⁴² State the responsible operator for installed stormwater treatment systems and HM controls.

⁴³ State the type of inspection (e.g., 45-day, routine or scheduled, follow-up, etc.).

⁴⁴ State the type(s) of treatment systems inspected (e.g., bioretention facility, flow-through planter, infiltration basin, etc...) and the type(s) of HM controls inspected, and indicate whether the treatment system is an onsite, joint, or offsite system.

⁴⁵ State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

⁴⁶ State the enforcement action(s) taken, if any.

C.3.e.vi.Special Projects Reporting Table

Reporting Period – January 1 – June 30, 2013

No Special Projects were approved during this reporting period.

Project Name & No.	Permittee	Address	Application Submittal Date ⁴⁷	Status ⁴⁸	Description ⁴⁹	Site Total Acreage	Density DU/Acre	Density FAR	Special Project Category ⁵⁰	LID Treatment Reduction Credit Available ⁵¹	List of LID Stormwater Treatment Systems ⁵²	List of Non-LID Stormwater Treatment Systems ⁵³
									Category A: Category B: Category C: Location: Density: Parking:	Category A: Category B: Category C: Location: Density: Parking:	Indicate each type of LID treatment system and the percentage of total runoff treated	Indicate each type of non-LID treatment system and the percentage of total runoff treated. Indicate whether minimum design criteria met or certification received

⁴⁷ Date that a planning application for the Special Project was submitted.

⁴⁸ Indicate whether final discretionary approval is still pending or has been granted, and provide the date or version of the project plans upon which reporting is based.

⁴⁹ Type of project (commercial, mixed-use, residential), number of floors, number of units, type of parking, and other relevant information.

⁵⁰ For each applicable Special Project Category, list the specific criteria applied to determine applicability. For each non-applicable Special Project Category, indicate n/a.

⁵¹ For each applicable Special Project Category, state the maximum total LID Treatment Reduction Credit available. For Category C Special Projects also list the individual Location, Density, and Minimized Surface Parking Credits available.

⁵² List all LID stormwater treatment systems proposed. For each type, indicate the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area.

⁵³ List all non-LID stormwater treatment systems proposed. For each type of non-LID treatment system, indicate: (1) the percentage of the total amount of runoff identified in Provision C.3.d. for the Special Project's drainage area, and (2) whether the treatment system either meets minimum design criteria published by a government agency or received certification issued by a government agency, and reference the applicable criteria or certification.

Section 4 – Provision C.4 Industrial and Commercial Site Controls

Program Highlights

Provide background information, highlights, trends, etc.

General: The City of Half Moon Bay has an agreement with the County Environmental Health Department (CEH) to perform business stormwater inspections for food and hazmat facilities. Inspections, follow-up inspections, and enforcement are performed by CEH stormwater inspectors or technicians in accordance with the City's Enforcement Response Plan (ERP).

The City also has an active Business Inspection Plan (BIP) which lists high, medium and low priority businesses for inspection. The list is cross-referenced with the annual CEH list and the remaining businesses are added to the list of "Potential Facilities List Inspected by the City of Half Moon Bay Inspectors" (26 businesses). During the course of annual report preparation, it was discovered that the list provided by CEH was missing 10 food businesses and 1 hazmat business. No inspections were made on those 11 businesses by City staff. Of this same list, two others were high priority (should have been inspected by City staff but were not due to staff shortage). All other businesses are medium (inspect once every two years) or low (inspect once every five years) priority businesses, and will be inspected next year.

The City will work with CEH to update the list of businesses inspected by CEH, and the City is planning on inspecting the following for FY 13-14:

100% of high priority businesses (2)

100% of medium priority businesses (8)

100% of low priority businesses (5)

Committee Participation: Staff participates in the following Countywide Stormwater Pollution Prevention Program committees: Commercial, Industrial and Illicit Discharge (CII) Subcommittee; Trash Committee; and others.

C.4.b.i. ► Business Inspection Plan

Do you have a Business Inspection Plan?

☒ Yes ☐ No

If No, explain:

C.4.b.iii.(1) ► Potential Facilities List

List below or attach your list of industrial and commercial facilities in your Inspection Plan to inspect that could reasonably be considered to cause or contribute to pollution of stormwater runoff.

See attached "Potential Facilities List Inspected by the City of Half Moon Bay Inspectors" and "Potential Facilities List, Facilities Inspected by San

Mateo County.”

C.4.b.iii.(2) ► Facilities Scheduled for Inspection

List below or attach your list of facilities scheduled for inspection during the current fiscal year.

See attached “Facilities Scheduled for Inspection.”

See “Program Highlights” for a discussion on City inspections for the current fiscal year.

C.4.c.iii.(1) ► Facility Inspections

Fill out the following table or attach a summary of the following information. Indicate your violation reporting methodology below.

<input checked="" type="checkbox"/>	Permittee reports multiple discrete violations on a site as one violation.
<input type="checkbox"/>	Permittee reports the total number of discrete violations on each site.

	Number	Percent
Number of businesses inspected	64	
Total number of inspections conducted	69	
Number of violations (excluding verbal warnings)	0	
Sites inspected in violation	0	0%
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	0**	0%

Comments:

County Environmental Health (CEH): Food and Hazmat program inspectors conduct routine Stormwater inspections at inventoried sites based on High, Medium, and Low priorities. If a violation or discharge is observed, a description of the violation is noted on the Inspection Report form, including comments and/or requirements that the facility must complete to clear the violation. If the violation is not cleared at the time of the inspection, a copy of the Inspection Report form is given to a CEH stormwater technician for follow up.

** Only verbal warnings were issued.

Permittee Name: City of Half Moon Bay

C.4.c.iii.(2) ► Frequency and Types/Categories of Violations Observed

Fill out the following table or attach a summary of the following information.

Type/Category of Violations Observed	Number of Violations
Actual discharge (e.g. active non-stormwater discharge or clear evidence of a recent discharge)	0
Potential discharge and other	0
Comments: N/A	

C.4.c.iii.(2) ► Frequency and Type of Enforcement Conducted

Fill out the following table or attach a summary of the following information.

	Enforcement Action (as listed in ERP) ⁴⁸	Number of Enforcement Actions Taken	% of Enforcement Actions Taken ⁴⁹
Level 1	Verbal Warning	5	100%
Level 2	Warning Notice/NOV	0	0%
Level 3	Notice to Comply (Admin. Action with Penalty &/or Cost Recovery)**	0	0%
Level 4	Legal Action	0	0%
Total		5	100%

** CEH inspectors used the SMCPPP's regular inspection forms. Level 3 per the City's ERP is equivalent to the "Administrative Action with Penalty and/or Cost Recovery" checkbox found on the SMCPPP inspection form.

C.4.c.iii.(3) ► Types of Violations Noted by Business Category

Fill out the following table or attach a summary of the following information.

Business Category ⁵⁰	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
Hazmat	0	0
Food	0	0
Total	0	0

⁴⁸ Agencies to list specific enforcement actions as defined in their ERPs.

⁴⁹ Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

⁵⁰ List your Program's standard business categories.

C.4.c.iii.(4) ► Non-Filers

List below or attach a list of the facilities required to have coverage under the Industrial General Permit but have not filed for coverage:

There were no industries identified as non-filers during scheduled inspections during this fiscal year.

C.4.d.iii ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
N/A**	N/A	N/A	N/A	N/A

**Refer to CEH's annual report for FY 12-13 for any training received by CEH inspectors.

C.4.b.iii.(1)**Potential Facilities List Inspected by the City of Half Moon Bay Inspectors**

No.	Facility	Address	Suite	Inspection Priority
1	LADIDA CAFÉ ***	500 PURISSMA ST	C	H
2	LA BAMBA RESTAURANT AND BAR ***	211 HWY 92		H
3	ALVES PETROLEUM INC	245 HWY 92		H
4	AZEVEDO FEED AND TRUCKING	2415 HWY 1		M
5	BRIANAS RESTAURANT ***	523 CHURCH ST		H
6	ERNIES LIQUORS	146 HWY 92		L
7	GIN WAN CHINESE RESTAURANT ***	2810 N HWY 1		H
8	SIMPLY DELICIOUS SWEET & TREATS	80 HWY 1	G	L
9	THE PUMPKIN PATCH HALLMARK	80 CABRILLO HWY N		L
10	BASKIN ROBBINS	44 N CABRILLO HWY		L
11	BLUE WHITE CLEANERS	101 MAIN ST	F	H
12	BOBS CAR WASH, LLC	240 MAIN ST		M
13	DEL MAR EQUESTRIAN CENTER	1820 N CABRILLO HWY		M
14	ENTERPRISE RENT-A-CAR	213 SAN MATEO RD	112	M
15	FONTANAS CONCRETE PUMPING	785 SECOND AVE		H
16	FRIENDLY ACRES RANCH	2150 N CABRILLO HWY		M
17	HMB CARPET CLEANERS	460 FILBERT ST		M
18	ITS ITALIA PIZZERIA	401 MAIN ST		H
19	JAMBA JUICE 940	80 N CABRILLO HWY		L
20	JAY JONES TILE COMPANY	234 CORREAS ST		L
21	KELLY STREET LAUNDRY	650 KELLY AVE		M
22	MELS HOT DOGS	353 MYRTLE ST		M
23	MIRAMAR STONE AND TILE	306 WASHINGTON BLVD		L
24	PASTORINO HAY & RANCH SUPPLY	921 MIRAMONTES ST		L
25	PEETS COFFEE AND TEA	142 SAN MATEO RD		L
26	POPEYES FAMOUS FRIED CHICKEN	118 SAN MATEO RD		H
27	SAMS CHOWDER HOUSE	4210 N CABRILLO HWY		H

28	SEA HORSE RANCH	1828 N CABRILLO HWY	N	M
29	SHIKI JAPANESE CUISINE	20 STONE PINE RD	E	H
30	SUSHI MAIN ST	696 MILL ST		H
	Total: 30			

*** Note: Business no longer exists. Business will be removed from the list for the next fiscal year.

C.4.b.iii.(1)
Potential Facilities List
Facilities Inspected by San Mateo County

Municipality
HALF MOON BAY

Facility	Address		City
SUBWAY	80 CABRILLO HIGHWAY	V1	HALF MOON BAY
DADDY O	225 CABRILLO HIGHWAY	1	HALF MOON BAY
CHINA KITCHEN	80 CABRILLO HWY	U	HALF MOON BAY
TWICE AS NICE WAREHOUSE	207 CALIFORNIA		HALF MOON BAY
SPANISH TOWN MEXICAN RESTAURAN	515 CHURCH		HALF MOON BAY
A COZZOLINO NURSERY	84 DIGGES CANYON		HALF MOON BAY
HALF MOON BAY GOLF LINKS	2000 FAIRWAY		HALF MOON BAY
HALF MOON BAY ORCHIDS	37K FRENCHMANS CREEK		HALF MOON BAY
SILVA WHOLESALE FLORIST	1050 FRENCHMANS CREEK		HALF MOON BAY
PRINCETON WELDING, INC.	231 HARVARD		HALF MOON BAY
GIUSTI FARMS	1800 HIGGINS CANYON		HALF MOON BAY
HALF MOON BAY GRADING & PAVING INC	1780 HIGGINS PURISSIMA		HALF MOON BAY
BURGER KING #5378	30 HWY 1		HALF MOON BAY
OSTENBERG FAMILY RND TBL PIZZA	50 HWY 1		HALF MOON BAY
CVS/PHARMACY #09216	60 HWY 1		HALF MOON BAY
SAFeway STORE #308	70 HWY 1		HALF MOON BAY
GREENHOUSE CLEANERS	80 HWY 1	A	HALF MOON BAY
SUNSHINE DONUTS	80 HWY 1	#P	HALF MOON BAY
GENERAL NUTRITION CTR #5631	80 HWY 1		HALF MOON BAY
MCDONALDS	100 HWY 1		HALF MOON BAY
MERCADO GUADALAJARA	225 HWY 1	106	HALF MOON BAY
TORTELLINI ORGINALI	225 HWY 1	102	HALF MOON BAY
TAQUERIA LA MEXICANA	250 HWY 1		HALF MOON BAY
TRES AMIGOS	270 HWY 1		HALF MOON BAY
BAY CHEVRON SERVICE #7927	375 HWY 1		HALF MOON BAY
SEWER AUTHORITY MID COASTSIDE	1000 HWY 1		HALF MOON BAY
CAMERONS INN	1410 HWY 1		HALF MOON BAY
RICE TRUCKING	2119 HWY 1		HALF MOON BAY
CAL TRANS HMB MAIN STATION	2203 HWY 1		HALF MOON BAY
BAY CITY FLOWER CO INC	2265 HWY 1		HALF MOON BAY
HALF MOON BAY JOES	2380 HWY 1		HALF MOON BAY
GIUSTI FARMS	2475 HWY 1		HALF MOON BAY
NURSERYMENS EXCHANGE INC	2651 HWY 1		HALF MOON BAY
STOLOSKI & GONZALEZ	2660 HWY 1		HALF MOON BAY
BOBS FRESH VEGETABLES	2900 HWY 1		HALF MOON BAY
ASIAN KINGS KITCHEN	3048 HWY 1		HALF MOON BAY
BLUE SKY FARMS	3068 HWY 1		HALF MOON BAY
HALF MOON BAY FISH MARKET	99 HWY 92		HALF MOON BAY
HALF MOON BAY ALLIANCE	120 HWY 92		HALF MOON BAY
RITE AID CORPORATION	170 HWY 92		HALF MOON BAY
SEVEN ELEVEN STORE -#2230/2148	196 HWY 92		HALF MOON BAY
HALF MOON BAY SHELL	201 HWY 92		HALF MOON BAY
SAMS COFFEE SHOP	210 HWY 92		HALF MOON BAY
CROWN CLEANERS	210 HWY 92	109	HALF MOON BAY
CURLEY & REDS AUTO BODY & TOWING	215 HWY 92		HALF MOON BAY
PILARCITOS QUARRY	11700 HWY 92		HALF MOON BAY
BFI OX MOUNTAIN	12310 HWY 92		HALF MOON BAY
SMCO PHHW	12310 HWY 92		HALF MOON BAY
AMERESCO	12310 HWY 92		HALF MOON BAY
LEMOS FARM	12320 HWY 92		HALF MOON BAY
OBESTER WINERY	12341 HWY 92		HALF MOON BAY

C.4.b.iii.(1)
Potential Facilities List
Facilities Inspected by San Mateo County

Municipality
HALF MOON BAY

Facility	Address	City
SCAPES INC	12344 HWY 92	HALF MOON BAY
A REPETTO NURSERY	12351 HWY 92	HALF MOON BAY
G BERTAS FRUIT STAND	12599 HWY 92	HALF MOON BAY
PYRO SPECTACULARS	12344 HYW 92	HALF MOON BAY
PILLAR POINT HARBOR	1 JOHNSON PIER	HALF MOON BAY
PILLAR POINT FUEL DOCK	1 JOHNSON PIER	HALF MOON BAY
PRINCETON SEAFOOD, INC	9 JOHNSON PIER	HALF MOON BAY
THE PRINCETON PANTRY	15 JOHNSON PIER	HALF MOON BAY
KETCH JOANNE & HARBOR BAR	17 JOHNSON PIER	HALF MOON BAY
HALF MOON BAY SPORTFISHING	27 JOHNSON PIER	HALF MOON BAY
DEPARTMENT OF PARKS & REC	95 KELLY	HALF MOON BAY
ANDREOTTI FAMILY FARM	329 KELLY	HALF MOON BAY
CABRILLO UNIFIED SCHOOL DIST	498 KELLY	HALF MOON BAY
MORE FOR LESS	501 KELLY	HALF MOON BAY
PACIFIC BELL	525 KELLY	HALF MOON BAY
HALF MOON BAY POLICE DEPT	535 KELLY	HALF MOON BAY
CUNHA SCHOOL	KELLY AND CHURCH	HALF MOON BAY
HALF MOON BAY HIGH SCHOOL	1 LEWIS FOSTER	HALF MOON BAY
NUNES WATER TREATMENT PLANT	500 LEWIS FOSTER	HALF MOON BAY
HASSETT ACE HARDWARE	111 MAIN	HALF MOON BAY
HMB BUILDING GARDEN INC	119 MAIN	HALF MOON BAY
MV TRANSPORTATION, INC.	121 MAIN	HALF MOON BAY
PROFESSIONAL AUTO CARE	125 MAIN	A HALF MOON BAY
PAULOS AUTO CARE	129 MAIN	HALF MOON BAY
COAST TRANSMISSIONS	141 MAIN	HALF MOON BAY
HALF MOON BAY AUTO REPAIR	149 MAIN	HALF MOON BAY
ANDREINI BROS INC	151 MAIN	HALF MOON BAY
PG&E HALF MOON BAY SERVICE CTR	175 MAIN	HALF MOON BAY
HMB SUBSTATION	175 MAIN	HALF MOON BAY
TOM & PETES PRODUCE	270 MAIN	HALF MOON BAY
PASTA MOON	315 MAIN	HALF MOON BAY
FISH N FRITES	328 MAIN	101 HALF MOON BAY
THE SAN BENITO HOUSE	356 MAIN	HALF MOON BAY
CHEZ SHEA	408 MAIN	HALF MOON BAY
HALF MOON BAY WINE & CHEESE	421 MAIN	HALF MOON BAY
CUNHAS GROCERY INC	448 MAIN	HALF MOON BAY
HALF MOON BAY BAKERY	514 MAIN	HALF MOON BAY
M COFFEE	522 MAIN	HALF MOON BAY
NANOS YOGURT SHACK	523 MAIN	HALF MOON BAY
MAIN STREET GRILL	547 MAIN	HALF MOON BAY
MOONSIDE BAKERY & CAFE	604 MAIN	HALF MOON BAY
ARK GRILL	724 MAIN	HALF MOON BAY
CETRELLA RESTAURANT	845 MAIN	HALF MOON BAY
COASTSIDE FIRE DISTRICT, HMB	1191 MAIN	HALF MOON BAY
MIRAMAR BEACH INN RESTAURANT	131 MIRADA	HALF MOON BAY
RITZ CARLTON	1 MIRAMONTE POINT	HALF MOON BAY
AZEVEDO FEED INC	1815 MIRAMONTE POINT	HALF MOON BAY
HATCH SCHOOL	MIRAMONTES	HALF MOON BAY
RITZ CARLTON	1 MIRAMONTES POINT	HALF MOON BAY
MULLINS BAR & GRILL	2 MIRAMONTES POINT	HALF MOON BAY
MULLINS BAR & GRILL	2 MIRAMONTES POINT	HALF MOON BAY

C.4.b.iii.(1)
Potential Facilities List
Facilities Inspected by San Mateo County

Municipality
HALF MOON BAY

Facility	Address		City
ANGELOS MUFFLER & LUBE	332 PURISSIMA		HALF MOON BAY
GINOS AUTO BODY & PAINT	334 PURISSIMA		HALF MOON BAY
PHILS HALF MOON BAY TIRE & AU	422 PURISSIMA		HALF MOON BAY
ORLANDOS PLACITA MARKET	500 PURISSIMA	B	HALF MOON BAY
DAIICHI SUSHI	150 SAN MATEO		HALF MOON BAY
HMB LUCKY 99 CENTS AND UP	160 SAN MATEO		HALF MOON BAY
MERCADO MI FAMILIA	182 SAN MATEO		HALF MOON BAY
HAPPY TACO	184 SAN MATEO		HALF MOON BAY
STRAW HAT PIZZA	186 SAN MATEO		HALF MOON BAY
CAFFINO	198 SAN MATEO		HALF MOON BAY
HILLTOP GROCERY	251 SAN MATEO		HALF MOON BAY
REPETTO GREENHOUSE FLORIST	12331 SAN MATEO		HALF MOON BAY
T & E PASTORINO NURSERY	12511 SAN MATEO		HALF MOON BAY
BONGARDS NURSERY	12460 SAN MATEO RD		HALF MOON BAY
JAMES FORD INC	100 SEYMOUR		HALF MOON BAY
HALF MOON BAY COFFEE CO	20 STONE PINE		HALF MOON BAY
BANGKOK HOUSE THAI CUISINE	20 STONE PINE	B	HALF MOON BAY
JERSEY JOES COASTSIDE	40 STONEPINE	K	HALF MOON BAY
STEVE MELO LANDSCAPE AND GARDEN	450 WAVECREST		HALF MOON BAY

C.4.b.iii.(2)
Facilities Scheduled for Inspection

Municipality
HALF MOON BAY

Facility	Address	City	Last Inspection
TWICE AS NICE WAREHOUSE	207 CALIFORNIA	HALF MOON BAY	No Activity
A COZZOLINO NURSERY	84 DIGGES CANYON	HALF MOON BAY	No Activity
BURGER KING #5378	30 HWY 1	HALF MOON BAY	No Activity
TOM & PETES PRODUCE	270 MAIN	HALF MOON BAY	No Activity
CHEZ SHEA	408 MAIN	HALF MOON BAY	No Activity
HALF MOON BAY WINE & CHEESE	421 MAIN	HALF MOON BAY	No Activity
DAIICHI SUSHI	150 SAN MATEO	HALF MOON BAY	No Activity
HILLTOP GROCERY	251 SAN MATEO	HALF MOON BAY	No Activity
REPETTO GREENHOUSE FLORIST	12331 SAN MATEO	HALF MOON BAY	No Activity
M COFFEE	522 MAIN	HALF MOON BAY	12/26/2008
MAIN STREET GRILL	547 MAIN	HALF MOON BAY	1/2/2009
HALF MOON BAY BAKERY	514 MAIN	HALF MOON BAY	2/11/2009
HATCH SCHOOL	MIRAMONTES	HALF MOON BAY	3/13/2009
ORLANDOS PLACITA MARKET	500 PURISSIMA	B HALF MOON BAY	3/13/2009
LEMONS FARM	12320 HWY 92	HALF MOON BAY	3/27/2009
BOBS FRESH VEGETABLES	2900 HWY 1	HALF MOON BAY	4/21/2009
MULLINS BAR & GRILL	2 MIRAMONTES POINT	HALF MOON BAY	4/21/2009
HALF MOON BAY SPORTFISHING	27 JOHNSON PIER	HALF MOON BAY	5/22/2009
CABRILLO UNIFIED SCHOOL DIST	498 KELLY	HALF MOON BAY	6/17/2009
NUNES WATER TREATMENT PLANT	500 LEWIS FOSTER	HALF MOON BAY	9/4/2009
NURSERYMENS EXCHANGE INC	2651 HWY 1	HALF MOON BAY	10/26/2009
PYRO SPECTACULARS	12344 HWY 92	HALF MOON BAY	11/3/2009
PILLAR POINT HARBOR	1 JOHNSON PIER	HALF MOON BAY	1/14/2010
HALF MOON BAY POLICE DEPT	535 KELLY	HALF MOON BAY	1/28/2010
T & E PASTORINO NURSERY	12511 SAN MATEO	HALF MOON BAY	3/31/2010
AZEVEDO FEED INC	1815 MIRAMONTE POINT	HALF MOON BAY	4/9/2010
HALF MOON BAY GOLF LINKS	2000 FAIRWAY	HALF MOON BAY	4/19/2010
RITZ CARLTON	1 MIRAMONTE POINT	HALF MOON BAY	4/19/2010
PRINCETON WELDING, INC.	231 HARVARD	HALF MOON BAY	5/5/2010
GIUSTI FARMS	1800 HIGGINS CANYON	HALF MOON BAY	5/5/2010
PG&E HALF MOON BAY SERVICE CTR	175 MAIN	HALF MOON BAY	5/11/2010
HALF MOON BAY ORCHIDS	37K FRENCHMANS CREEK	HALF MOON BAY	5/18/2010
STOLOSKI & GONZALEZ	2660 HWY 1	HALF MOON BAY	5/24/2010
HMB SUBSTATION	175 MAIN	HALF MOON BAY	5/26/2010
SILVA WHOLESALE FLORIST	1050 FRENCHMANS CREEK	HALF MOON BAY	7/2/2010
BAY CITY FLOWER CO INC	2265 HWY 1	HALF MOON BAY	7/9/2010
PILARCITOS QUARRY	11700 HWY 92	HALF MOON BAY	8/31/2010
G BERTAS FRUIT STAND	12599 HWY 92	HALF MOON BAY	8/31/2010
HMB BUILDING GARDEN INC	119 MAIN	HALF MOON BAY	5/11/2011
A REPETTO NURSERY	12351 HWY 92	HALF MOON BAY	6/6/2011
STEVE MELO LANDSCAPE AND GARDEN	450 WAVECREST	HALF MOON BAY	6/22/2011
TRES AMIGOS	270 HWY 1	HALF MOON BAY	7/19/2011
SMCO PHHW	12310 HWY 92	HALF MOON BAY	7/22/2011
GIUSTI FARMS	2475 HWY 1	HALF MOON BAY	10/4/2011
SCAPES INC	12344 HWY 92	HALF MOON BAY	12/27/2011
BONGARDS NURSERY	12460 SAN MATEO RD	HALF MOON BAY	12/27/2011
SUNSHINE DONUTS	80 HWY 1	#P HALF MOON BAY	1/11/2012
GENERAL NUTRITION CTR #5631	80 HWY 1	HALF MOON BAY	1/11/2012
CURLEY & REDS AUTO BODY & TOWING	215 HWY 92	HALF MOON BAY	2/21/2012
PACIFIC BELL	525 KELLY	HALF MOON BAY	3/6/2012
RICE TRUCKING	2119 HWY 1	HALF MOON BAY	5/1/2012
OBESTER WINERY	12341 HWY 92	HALF MOON BAY	5/2/2012
COASTSIDE FIRE DISTRICT, HMB	1191 MAIN	HALF MOON BAY	5/29/2012
OSTENBERG FAMILY RND TBL PIZZA	50 HWY 1	HALF MOON BAY	6/5/2012
SEWER AUTHORITY MID COASTSIDE	1000 HWY 1	HALF MOON BAY	6/8/2012
BLUE SKY FARMS	3068 HWY 1	HALF MOON BAY	6/19/2012
THE PRINCETON PANTRY	15 JOHNSON PIER	HALF MOON BAY	6/19/2012
THE SAN BENITO HOUSE	356 MAIN	HALF MOON BAY	6/26/2012

C.4.b.iii.(2)
Facilities Scheduled for Inspeccion

Municipality
HALF MOON BAY

Facility	Address	City	Last Inspection
SUBWAY	80 CABRILLO HIGHWAY	V1 HALF MOON BAY	6/27/2012

Section 5 – Provision C.5 Illicit Discharge Detection and Elimination

Program Highlights

Provide background information, highlights, trends, etc.

Activities for the reporting year include: 1) Implementation of the City's collection system screening program; 2) Participation in the Commercial, Industrial and Illicit Discharge (CII) Subcommittee.

City also conducted in-house training to City staff (01/16/13, training by Muneer Ahmed) regarding C.6 Construction Site and C.5 Illicit Discharge response.

Refer to the C.5 Illicit Discharge Detection and Elimination section of the SMCWPPP FY 12-13 Annual Report (if applicable) for description of activities at the countywide or regional level.

C.5.c.iii ► Complaint and Spill Response Phone Number and Spill Contact List

List below or attach your complaint and spill response phone number and spill contact list.

Contact	Description	Phone Number
Larry Carnahan	Public Works Superintendent	(650) 726-8260
Sherriff's Office	Dispatch (for after hours, weekend, and holidays)	(650) 726-8286

C.5.d.iii ► Evaluation of Mobile Business Program

Describe implementation of minimum standards and BMPs for mobile businesses and your enforcement strategy. This may include participation in the BASMAA Mobile Surface Cleaners regional program or local activities.

Description:

The City's maintenance staff responds to public complaints and also performs field observations of illicit discharges. Implementation of the BMPs is done in accordance with the BASMAA Mobile Surface Cleaners Program. Enforcement is done in accordance with the City's Enforcement Response Plan. The City does not hire or license Mobile Surface Cleaners.

Refer to the C.5 Illicit Discharge Detection and Elimination section of the SMCWPPP FY 12-13 Annual Report for a description of efforts by the Commercial, Industrial and Illicit Discharge (CII) Subcommittee and the BASMAA Municipal Operations Committee to address mobile businesses.

C.5.e.iii ► Evaluation of Collection System Screening Program

Provide a summary or attach a summary of your collection screening program, a summary of problems found during collection system screening and any changes to the screening program this FY.

Description:

Half Moon Bay's maintenance staff uses the storm collection system screening form (C.5.e) developed by the Countywide program to inspect end of pipes, creeks, flood conveyances, storm drain inlets and catch basins during other routine maintenance and inspection activities when maintenance staff is working in or near the MS4 system. Estimated Trash Volume and type of trash in SD Inlets is also documented on these forms. Maintenance/cleanup is scheduled if needed.

C.5.f.iii.(1), (2), (3) ► Spill and Discharge Complaint Tracking

Spill and Discharge Complaint Tracking (fill out the following table or include an attachment of the following information)

	Number	Percentage
Discharges reported (C.5.f.iii.(1))	0	N/A
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	0	N/A
Discharges resolved in a timely manner (C.5.f.iii.(3))	N/A	N/A

Comments:

No Complaints were received this year.

C.5.f.iii.(4) ► Summary of major types of discharges and complaints

Provide a narrative or attach a table and/or graph.

No Complaints were received this year.

Permittee Name: _____

Section 6 – Provision C.6 Construction Site Controls

C.6.e.iii.1.a, b, c ► Site/Inspection Totals		
Number of High Priority Sites (sites disturbing < 1 acre of soil requiring storm water runoff quality inspection) (C.6.e.iii.1.a)	Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b)	Total number of storm water runoff quality inspections conducted (include only High Priority Site and sites disturbing 1 acre or more) (C.6.e.iii.1.c)
# 0	# 4	# 23
Comments:		

C.6.e.iii.1.d ► Construction Activities Storm Water Violations		
BMP Category	Number of Violations ⁵¹ excluding Verbal Warnings	% of Total Violations ⁵²
Erosion Control	1	10
Run-on and Run-off Control	0	0
Sediment Control	5	50
Active Treatment Systems	0	0
Good Site Management	3	30
Non Stormwater Management	1	10
Total⁵³	10	100%

⁵¹ Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category. For example, if during one inspection at a site, there are 2 erosion control violations, only 1 violation would be counted for this table.

⁵² Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

⁵³ The total number of violations may count more than one violation per inspection, since some inspections may result in violations in more than one category. For example, during one inspection of a site, there may have been both an erosion control violation and a sediment control violation. For this reason, the total number of violations in this table may not match the total number of enforcement actions reported in Table C6.e.iii.1.e.

Permittee Name: _____

C.6.e.iii.1.e ► Construction Related Storm Water Enforcement Actions

	Enforcement Action (as listed in ERP) ⁵⁴	Number Enforcement Actions Issued	% Enforcement Actions Issued ⁵⁵
Level 1 ⁵⁶	Verbal Warning	0	0%
Level 2	Written Warning/Notice of Violation	6	100%
Level 3	Notice to Comply	0	0%
Level 4	Legal Action	0	0%
Total		6	100%

C.6.e.iii.1.f, g ► Illicit Discharges

	Number
Number of illicit discharges, actual and those inferred through evidence at high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii.1.f)	0
Number of sites with discharges, actual and those inferred through evidence at high priority sites and sites that disturb 1 acre or more of land (C.6.e.iii.1.g)	0

⁵⁴ Agencies should list the specific enforcement actions as defined in their ERPs.

⁵⁵ Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

⁵⁶ For example, Enforcement Level 1 may be Verbal Warning.

Permittee Name: _____

C.6.e.iii.1.h, i ► Violation Correction Times

	Number	Percent
Violations (excluding verbal warnings) fully corrected within 10 business days after violations are discovered or otherwise considered corrected in a timely period (C.6.e.iii.1.h)	6	100%⁵⁷
Violations (excluding verbal warnings) not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	0%⁵⁸
Total number of violations (excluding verbal warnings) for the reporting year⁵⁹	6	100%
Comments: None		

C.6.e.iii.(2) ► Evaluation of Inspection Data

Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).

Description:

The sites were inspected periodically during the rainy season to assure effective maintenance of BMP's. Typical BMP performance issues at these sites consisted of proper sediment control and good site management practices. These issues were corrected promptly within 10 business days.

C.6.e.iii.(2) ► Evaluation of Inspection Program Effectiveness

Describe what appear to be your program's strengths and weaknesses, and identify needed improvements, including education and outreach.

Description:

The City's C.6 inspection program and ERP continue to be an effective tool for inspectors and municipal staff. Project applicants are aware of the requirements of construction site BMPs via standard conditions of approval. In addition, the City notified all construction sites (e.g. building permits, additions, remodels) to have site specific stormwater BMP's in place before start of the rainy season.

Efforts conducted by the City of Half Moon Bay in FY 12-13 to implement MRP requirements, include: 1) revised stormwater construction inspection forms and inspection data tracking tools and conducted inspections with the new forms; 2) revised operating procedures and provided training to inspectors and City staff; 3) participated in the New Development Subcommittee; 4) notified permit applicants of the updated BMP plan sheet information piece, if applicable; and 7) participated in or attended the April 11, 2013 Stormwater Training for Construction Site Inspectors Workshop.

⁵⁷ Calculated as number of violations fully corrected in a timely period after the violations are discovered divided by the total number of violations for the reporting year.

⁵⁸ Calculated as number of violations not fully corrected within 30 days after the violations are discovered divided by the total number of violations for the reporting year.

⁵⁹ The total number of violations reported in the table of Violation Correction Times equals the number of initial enforcement actions. I.e., This assumes one violation is issued for several problems during an inspection at a site. The total number of violations in the table of Violation Correction Times may not equal the total number of enforcement actions because one violation issued at a site may have a second enforcement action for the same violation at the next inspection if it is not corrected.

Permittee Name: _____

Refer to the C.6 Construction Site Control section of the SMCWPPP FY 12-13 Annual Report (if applicable) for a description of activities at the countywide or regional level.

C.6.f ► Staff Training Summary

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
In-House C.6 Training by Muneer Ahmed	10/23/12	C.6 inspection requirements	4*	N/A**
In-House C.4 & C.6 Training by Muneer Ahmed	10/30/12	C.3 & C.6 Requirements	4*	N/A**
*Staff trained included Engineering and Planning Staff				
**Inspectors were outside consultants trained via other municipalities/mechanisms (Sophie Truong QSD/QSP, Ramon Bernardo, etc.)				

Section 7 – Provision C.7. Public Information and Outreach

C.7.a ► Storm Drain Inlet Marking (existing storm drains)

(For FY 12-13 Annual Report only) Report prior years' estimated annual percentages of municipality maintained storm drain inlet markings inspected and maintained as legible with a no dumping message or equivalent. At least 80% of municipality-maintained storm drain inlet markings shall be inspected and maintained at least once per 5-year permit term.

Summary:

It is estimated that about 25% of the City's inlets were inspected this fiscal year. The inspections were completed in conjunction with the Section C.10 Trash Reduction field surveys. Of these, the percentage of inlet that included a stencil maintained as legible is:

2012-13: 95%

Although the City's Public Works staff has inspected inlet stencils in the previous years, actual percentages were not tracked. Most of the City's storm drain inlets include a stencil. It is estimated that 90-95% of all inlets include a stencil that is maintained.

It is the City's intent to inspect an additional 55-75% of the inlets in the City during the next fiscal, covering those not inspected this year. The City has budgeted and is currently completing a GIS map of its storm drain system. The mapping will include updating/ correcting existing paper maps, and will include a field verification process. The field verification will be an opportunity to inspect inlet markings, and the mapping will be a means of tracking the presence and condition of markings.

C.7.a ► Storm Drain Inlet Marking (newly-constructed, privately-maintained streets)

(For FY 12-13 Annual Report only) Report prior years' annual number of projects accepted after inlet markings were verified. For newly-approved, privately-maintained streets, permittees shall require inlet marking by the project developer upon construction and maintenance of markings through the development maintenance entity. Markings shall be verified prior to acceptance of the project.

Summary:

Annual number of newly-constructed, privately-maintained streets for which inlets were marked:

2009-10: ___1___ projects

2010-11: ___0___ projects

2011-12: ___0___ projects

2012-13: ___0___ projects

All projects that build new private streets are required to include stencils or plaques at every inlet for compliance with Provision C.3. This requirement is enforced by the City and inspected along with the other inspections for the project, including the 45-day inspection for treatment measures (inspectors are trained to inspect all aspects of C.3 compliance, not just the treatment measures). Private projects cannot be accepted until all conditions for C.3 compliance have been met and the inspections pass.

C.7.b.ii.1 ► Advertising Campaign

Summarize advertising efforts. Include details such as messages, creative developed, and outreach media used. The detailed advertising report may be included as an attachment. If advertising is being done by participation in a countywide or regional program, refer to the separate countywide or regional Annual Report.

Summary:

The following separate report developed by BASMAA summarizes the activities of the Regional Youth Litter Campaign:

- **BASMAA Be the Street Youth Litter Campaign Report**

C.7.b.iii.1 ► Pre-Campaign Survey

(For the Annual Report following the pre-campaign survey) Summarize survey information such as sample size, type of survey (telephone survey, interviews etc.). Attach a survey report that includes the following information. If survey was done regionally, refer to a regional submittal that contains the following information:

The following separate report developed by BASMAA summarizes any pre-campaign survey conducted in FY 12-13:

- **BASMAA Be the Street Youth Litter Campaign Report**

Place an **X** in the appropriate box below:

<input type="checkbox"/>	Survey report attached
<input checked="" type="checkbox"/>	Reference to regional submittal

C.7.c ► Media Relations

Summarize the media relations effort. Include the following details for each media pitch in the space below, AND/OR refer to a regional report that includes these details:

- Topic and content of pitch
- Medium (TV, radio, print, online)
- Date of publication/broadcast

Summary:

The following separate report developed by BASMAA summarizes media relations efforts conducted regionally during FY 12-13:

- **BASMAA Media Relations Final Report FY 12-13**

This report and any other media relations efforts conducted countywide is included within the Public Information and Outreach section of the SMCWPPP FY 12-13 Annual Report.

C.7.d ► Stormwater Point of Contact

Provide details of website or phone number used as the point of contact. Report on how the point of contact is publicized and maintained. If any change occurs in this contact, report in a subsequent Annual Report.

The SMCWPPP initial points of contact have not changed, however, social media points of contact have been established in addition to the original website and phone number. A summary of efforts conducted by SMCWPPP to publicize stormwater points of contact (e.g. program website, hotline, outreach materials, and social media, etc.) is included within the Public Information and Outreach section of the SMCWPPP FY 12-13 Annual Report.

Permittee Name: City of Half Moon Bay

C.7.e ► Public Outreach Events

Describe general approach to event selection. Provide a list of outreach materials and giveaways distributed.

Use the following table for reporting and evaluating public outreach events.

The following outreach events were conducted on a countywide level by SMCWPPP and are described in detail in the Public Information and Outreach section of the SMCWPPP FY 12-13 Annual Report:

- California Coastal Cleanup Day in San Mateo County, September 15, 2012
- San Mateo County Fair, June 8-16, 2013

In addition, the City held or participated in the following public outreach events:

Event Details	Description (messages, audience)	Evaluation of Effectiveness
Half Moon Bay Farmer's Market	Public Information booth was set up at the local coast side farmers market on June 22, 2013. Topics discussed included toxics disposal, less toxic pest control.	Approximately 55 people stopped at the booth. Storm water quality issues were discussed and outreach materials were displayed and distributed (Too Toxic Guide, Children's Activity guides, less toxic cleaning recipes, used oil recycling information, etc.)
Peninsula Open Space Trust (POST) Coastal Cleanup	Coastal Cleanup organized by POST in which HMB provided assistance.	No additional information was available at the time of this report.

C.7.f. ► Watershed Stewardship Collaborative Efforts

Summarize watershed stewardship collaborative efforts and/or refer to a regional report that provides details. Describe the level of effort and support given (e.g., funding only, active participation etc.). State efforts undertaken and the results of these efforts. If this activity is done regionally refer to a regional report.

Evaluate effectiveness by describing the following:

- Efforts undertaken
- Major accomplishments

Summary:

A summary of efforts conducted by SMCWPPP to work with Watershed Stewardship Groups on a countywide level is included within the Public Information and Outreach section of the SMCWPPP FY 12-13 Annual Report.

C.7.g. ► Citizen Involvement Events

List the types of events conducted (e.g., creek clean up, storm drain inlet marking, native gardening etc.). Use the following table for reporting and evaluating citizen involvement events.

The following involvement events were conducted on a countywide level by SMCWPPP and are described in detail in the Public Information and Outreach section of the SMCWPPP FY 12-13 Annual Report:

- California Coastal Cleanup Day in San Mateo County, September 15, 2012

In addition, the following public Citizen involvement events were conducted in HMB:

Event Details	Description	Evaluation of effectiveness
Annual collection event (last was April 2013) for mercury containing devices and other Household hazardous waste (HHW)	Through San Mateo County's Environmental Health Dept., HMB has an annual collection event (last was April 2013) for mercury containing devices and other Household hazardous waste (HHW) at the Fire District headquarters on Main St. This event is provided through San Mateo County's Environmental Health Dept.	Provide general staff feedback on the event. Provide other evaluation details such as: <ul style="list-style-type: none"> • Number of participants. Any change in participation from previous years. • Distance of creek or water body cleaned • Quantity of trash/recyclables collected (weight or volume). • Number of inlets marked. • Data trends
Peninsula Open Space Trust (POST) Coastal Cleanup	Coastal Cleanup organized by POST in which HMB provided assistance.	No additional information was available at the time of this report.

C.7.h. ► School-Age Children Outreach

Summarize school-age children outreach programs implemented. A detailed report may be included as an attachment.
Use the following table for reporting school-age children outreach efforts.

SMCWPPP conducted two school-aged children outreach programs countywide. These programs are summarized in the Public Information and Outreach section of the SMCWPPP FY 12-13 Annual Report.

Program Details	Focus & Short Description	Number of Students/Teachers reached	Evaluation of Effectiveness
Provide the following information: Name Grade or level (elementary/ middle/ high)	Brief description, messages, methods of outreach used	Provide number or participants	Provide agency staff feedback. Report any other evaluation methods used (quiz, teacher feedback etc.). Attach evaluation summary if applicable.

C.7.i. ► Outreach to Municipal Officials

(For FY 12-13 Annual Report only) Summarize outreach conducted to increase the overall awareness of stormwater and/or watershed messages among municipal officials.

Summary:

On 12/11/12, Muneer Ahmed conducted a workshop with City's Planning Commission regarding the MRP's New Development requirements and provided Municipal Maintenance Updates.

Refer to the SMCWPPP FY 12-13 Annual Report for additional information (if applicable).

Section 8 - Provision C.8 Water Quality Monitoring

C.8 ► Water Quality Monitoring

State below if information is reported in a separate regional report. Municipalities can also describe below any Water Quality Monitoring activities in which they participate directly, e.g. participation in RMP workgroups, fieldwork within their jurisdictions, etc.

Summary

During FY 12-13, the City contributed through SMCWPPP to the BASMAA Regional Monitoring Coalition (RMC). In addition, the City contributed financially to the Regional Monitoring Program for Water Quality in the San Francisco Estuary (RMP) and were represented at RMP committees and work groups. Monitoring efforts and results are documented in a separate report submitted March 15 of each year, as required in Provision C.8. For additional information on monitoring activities conducted by SMCWPPP, BASMAA RMC and the RMP, see the C.8 Water Quality Monitoring section of the SMCWPPP FY 12-13 Annual Report.

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.b ► Implement IPM Policy or Ordinance

Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphates, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.

Trends in Quantities and Types of Pesticides Used⁶⁰

Pesticide Category and Specific Pesticide Used	Amount ⁶¹				
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14
Organophosphates	0	0	0	0	
Product or Pesticide Type A					
Product or Pesticide Type B					
Pyrethroids	0	0	0	0	
Product or Pesticide Type X					
Product or Pesticide Type Y					
Carbaryl	0	0	0	0	
Fipronil	0	0	0	0	

C.9.c ► Train Municipal Employees

Enter the number of employees that applied or used pesticides (including herbicides) within the scope of their duties this reporting year.	1
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	1
Enter the percentage of municipal employees who apply pesticides who have received training in the IPM policy and IPM standard operating procedures within the last three years.	100%

⁶⁰ Includes all municipal structural and landscape pesticide usage by employees and contractors.

⁶¹ Weight or volume of the product or preferably its active ingredient, using same units for the product each year. The active ingredients in any pesticide are listed on the label. The list of active ingredients that need to be reported in the pyrethroids class includes: allethrin (D-allethrin), bioallethrin, bifenthrin, beta-cyfluthrin, cyfluthrin, cypermethrin, cyphenothrin, deltamethrin, esfenvalerate, etofenprox, gamma-cyhalothrin, imiprothrin, lambda-cyhalothrin, metofluthrin, permethrin, phenothrin, prallethrin, resmethrin, sumithrin (D-phenothrin), tau fluvalinate, tefluthrin, tetramethrin, tralomethrin, and zeta-cypermethrin (S-cypermethrin).

Permittee Name: City of Half Moon Bay

C.9.d ► Require Contractors to Implement IPM

Did your municipality contract with any pesticide service provider in the reporting year?		<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
If yes, attach one of the following:					
<input type="checkbox"/>	Contract specifications that require adherence to your IPM policy and standard operating procedures, OR				
<input checked="" type="checkbox"/>	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR				
<input type="checkbox"/>	Equivalent documentation.				
<p>The landscaping contractor does not apply any herbicides or pesticides. Landscape pest management is done by municipal staff. Only herbicides are applied. City adopted IPM Policy and Standard Operating Procedures are used.</p> <p>Structural pest management is done by an IPM certified contractor (Terminix). The City of Half Moon Bay verifies IPM contractor performance by hiring professionals that certify they are properly trained and use IPM. No pesticides are used outside of public buildings or in the right-of-way. Traps are used for rodent control.</p> <p>Green Pro Certification attached is different from Quality Pro Green (Regional Board staff review cited Quality Pro Green certification). The Green Pro Certification ensures technicians are trained and 'only make traditional pesticide applications after discussing the options with you and getting your consent.</p>					
If Not attached , explain: N/A					

C.9.e ► Track and Participate in Relevant Regulatory Processes

Summarize participation efforts, information submitted, and how regulatory actions were affected OR reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.
<p>Summary:</p> <p>During FY 12-13, we participated in regulatory processes related to pesticides through contributions to SMCWPPP, BASMAA and CASQA. For additional information, see the Regional Pollutants of Concern Report submitted by BASMAA on behalf of all MRP Permittees and included as an appendix to the SMCWPPP Annual Report.</p>

Permittee Name: City of Half Moon Bay

C.9.f ► Interface with County Agricultural Commissioners

Did your municipal staff observe any improper pesticide usage or evidence of improper usage (e.g., pesticides in storm drain systems, along street curbs, or in receiving waters) during this fiscal year?

☐

Yes

☒

No

If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary.

N/A

**C.9.g. ► Evaluate Implementation of Source Control Actions
Relating to pesticides**

(For FY 12-13 Annual Report only) Submit a report that evaluates; 1) the effectiveness of control measures implemented, and 2) attainment of pesticide concentration and toxicity targets for water and sediment from monitoring data (Provision C.8.). If needed, the report should include the following:

- Improvements to existing control measures and/or additional control measures required.
- A plan to implement improved and/or new control measures.

Summary:

The Effectiveness Evaluation Report is included in Section C.9 Pesticides Toxicity Control of the SMCWPPP FY 12-13 Annual Report.

Locally, the City of Half Moon Bay has adopted and IPM Policy/Ordinance & requires Contractors to implement IPM. In addition, all new development is encourage to use Bay Friendly landscaping, and in the case of regulated projects, the following comment is generated during the plan review process as a source control on private development:

“Does the landscaping minimize irrigation and runoff, minimizes the use of pesticides, and fertilizers, and incorporates sustainable landscaping practices? Please clearly indicate notes and sheets that evidence this.”

C.9.h.ii ► Public Outreach: Point of Purchase

Provide a summary of public outreach at point of purchase, and any measurable awareness and behavior changes resulting from outreach (here or in a separate report); **OR** reference a report of a regional effort for public outreach in which your agency participates.

Summary:

The following reports developed by SMCWPPP and BASMAA summarize point of purchase outreach efforts on a countywide and regional level:

- SMCWPPP FY 12-13 Annual Report, Public Information and Outreach section
- BASMAA FY 12-13 “Our Water Our World” report

C.9.h.iv ► Pest Control Contracting Outreach

(For FY 12-13 Annual Report only) Document effectiveness of outreach to residents who use or contract for structural or landscape pest control **OR** reference a regional that summarizes these actions.

Summary: **Efforts to conduct outreach at the countywide level related to pest control contracting are summarized in the SMCWPPP FY 12-13 Annual Report, C.9 Pesticides Toxicity Control section.**

C.9.h.vi ► Public Outreach: Pest Control Operators

Provide a summary of public outreach to pest control operators and landscapers and reduced pesticide use (here or in a separate report); **OR** reference a report of a regional effort for outreach to pest control operators and landscapers in which your agency participates.

Summary:

Efforts to conduct outreach at the countywide level to pest control operators to reduce pesticide use are summarized in the SMCWPPP FY 12-13 Annual Report, C.9 Pesticides Toxicity Control section.

Response to Water Board Staff Comments on Section 9, Provision C.9, of FY 11-12 Annual Report

Use this area to respond to any Water Board staff comments on Section 9 of your FY 11-12 Annual Report, and refer to any required submittals that are attached.

CONTRACTOR IPM CERTIFICATION



GREENPRO

Eco-Effective Pest Control

Presenting this certificate of excellence to

The Terminix International Co.

in acknowledgment of your continuing efforts toward professional excellence and environmental awareness in the pest management industry. You have met the GreenPro testing requirements for eco-effective pest control.

A blue ink handwritten signature, which appears to read "Andrew J. McIntire", is written over a thin green horizontal line.

official signature



Section 10 - Provision C.10 Trash Load Reduction

C.10.a.iii ► Minimum Full Trash Capture (Summary of Actions)

Provide the following:

- 1) Descriptions of actions/tasks initiated, conducted or completed in implementing Minimum Full Trash Capture Devices (due July 1, 2014), including numbers of devices, device types and total land area treated to-date by full capture devices;
- 2) Descriptions of planned actions/tasks and time schedules for completion;
- 3) A map that includes locations of all full capture devices installed (private and public) to-date and associated treatment areas, trash generation rates/areas, creek/shoreline trash hot spots, and trash management areas defined to-date.
- 4) A summary of maintenance activities implemented for each device or groups of devices, including descriptions of typical maintenance frequencies and issues associated with maintaining these devices.

Descriptions of Actions/Tasks (Conducted or Planned):

- 1) **Full Trash Capture Devices have been installed to date that cover a total of 92.68 acres within the City. Trash capture devices are located in three non-contiguous areas in the Downtown:**
 - **Main Street (South of Pilarcitos Creek) – A total of 13 inlet screens were installed under the ABAG/ SFEP Trash Capture Demonstration Program in 2011.**
 - **North Main Street –Main Street- Highway 92- Highway 1 (North of Pilarcitos Creek) – A total of 19 inlet screens were installed under the ABAG/ SFEP Trash Capture Demonstration Program in 2011. In addition, 1 Contech CDS unit was installed as part of the North Main Street Improvement capital improvement project by the City in 2007. A portion of the area treated by the CDS unit overlaps the areas treated by the inlet screens.**
 - **Coastside Senior Housing, 925 Main Street – A Vortechs hydrodynamic separator unit was installed as part of the senior housing development during 2012. The unit is privately maintained.**

The City's commercial/ retail acreage is 49 acres. The City's minimum full trash capture requirement is 30% of this, or 15 acres. The current treatment (92 acres) therefore meets the minimum trash capture requirement.

- 2) **No further full-trash capture device installations are proposed to meet the minimum full trash capture requirements of Section C.10.a(iii) of the permit. The City is, however, proposing additional installations as part of its' Long-Term Trash Capture Plan.**
- 3) **The attached City of Half Moon Bay Full Trash Capture Map shows the three treated area, as well as the location of the treatment measures.**

Permittee Name: City of Half Moon Bay

Descriptions of Maintenance Activities:**4) Maintenance of full-trash capture devices is as follows:**

- The inlet screens are cleaned annually in late Summer- early Autumn prior to the annual wet-weather season. Maintenance is performed under contract by the County of San Mateo. The units are inspected during rain events to ensure that flows are not bypassing the screen due to clogging, and additional maintenance is provided as necessary.
- The CDS unit was installed in the intersection of North Main Street and Highway 1 in 2007 under a City capital project. Due to staff turnover, as well as subsequent reorganization and staff reductions in response to the 2008-09 Recession, the unit was not incorporated into the City's drainage maintenance program, and was not maintained. The presence of the unit was discovered during field reviews conducted in preparation for the 2012-2013 Annual Report, and it was determined that the unit should be incorporated into the Long-Term Trash Reduction Plan as a full-trash capture device. City staff has added the unit to its drainage inventory, and the unit was cleaned (vacuumed) in September 2013. In the future, the unit will be cleaned (vacuumed) each Autumn prior to the wet season.
- The Vortechs unit at 925 Main Street will be added to the City's O&M stormwater treatment measure inspection list following completion of the project in late 2013. The property owner is conditioned to sign an O&M agreement with the City, and will be responsible for ongoing maintenance of the unit. The City will request annual inspection and cleaning reports from the property owner as part of the O&M program.

Maintenance records for City-owned treatment units are located in the files of the Maintenance Superintendent. Maintenance records for privately-owned measures will be located in the files of the City Engineer.

C.10.a.iii ► Minimum Full Trash Capture (List of Devices)

Provide a list of trash full capture devices installed to-date or planned for installation by July 1, 2014 and the land area treated by each device or group of devices.

Applicable Trash Management Area (Preliminary Map ID)	Device Type	Planned or Installed	Maintenance Frequency	Total Number Installed	Total Area Treated (acres)
---	-------------	----------------------	-----------------------	------------------------	----------------------------

4-A	Con-tech CDS Unit Hydrodynamic Separation Unit, West Coast or United Stormwater Inlet Screens	Installed	Annually	1 CDS Unit, 19 inlet Screens (Some Treatment Areas Overlap)	64.68
4-B	West Coast or United Stormwater Inlet Screen	Installed	Annually	13 Inlet Screens	23
4-C	Con-tech CDS Unit	Installed	Privately-Owned, City Working with Property Owner to Develop Maintenance Schedule as part of O&M Agreement	1 Vortechs Unit	5 acres
Totals					92.68 acres

C.10.b.iii ► Trash Hot Spot Assessment

Provide the volume of material removed from each Trash Hot Spot cleanup, and the dominant types of trash (e.g., glass, plastics, paper) removed and their sources to the extent possible. Additionally, include a map that identifies the location(s) of trash hot spots.

Trash Hot Spot	Cleanup Date	FY 2012-13 Volume of Trash Removed (cubic yards)	FY 2011-12 Volume of Trash Removed (cubic yards)	FY 2010-11 Volume of Trash Removed (cubic yards)	Dominant Type(s) of Trash	Trash Sources (where possible)
HMB01	9/22/12	4.01	2.45	8.40	Plastic bags, other plastic products, paper and cardboard, cigarette butts, styrofoam	Litter, trash accumulation, illegal dumping

C.10.c ► Long-Term Trash Load Reduction Plan

Provide descriptions of the progress made to-date on the development of Long-term Trash Load Reduction Plans due to the Water Board by February 1, 2014.

Long-Term Plan Task	Summary of Progress
1. Identifying and mapping trash generating areas	<p>Assessment of trash generation areas began in March 2013. The City of Half Moon Bay, working through the San Mateo Countywide Pollution Prevention Program. Worked with EOA, Inc. consultants to prepare a land use map of the City, with land uses sorted by potential for different levels of trash generation. The initial Trash Generation Rates Map was produced by EOA on March 26, 2013. Trash generation rates were set at Very High, High, Medium, and Low. The Trash Generation Maps are shown on the City of Half Moon Bay Full Trash Capture Map referenced in Section C.10.a.iii.</p> <p>The draft map was based on the following assumptions:</p> <ol style="list-style-type: none"> 1) The two State Highways that traverse the City (Highway 1 and Highway 92) were placed in the Very High Trash Generation Category. The highways are under State control and are shown as non-jurisdictional areas on the map. 2) Retail/ commercial areas were placed in the High Trash Generation Category. This includes the Downtown retail/ commercial areas along Main Street south of Pilarcitos Creek, the newer commercial areas along North Main Street and Highways 1 and 92 (north of Pilarcitos Creek), and isolated commercial areas such as Sam's Chowder House. 3) Parks (Smith Field Little League, Ocean View, Frenchman's Creek, and Kehoe), schools (Hatch Elementary, Cunha Middle, Half Moon Bay High), medium and high density residential, public - institution (Community Center) and various non-residential uses (golf course) were placed in the Medium Trash Generation Category. 4) Single-family residential and open space areas were placed in the Low Trash Generation Category. It should be noted that "residential" areas west of Railroad Avenue (old Ocean Shore Railroad right-of-way) were mapped in the 19th Century but never improved or developed. Much of the land has been purchased by the Peninsula Open Space Trust, and given local and State Coastal Commission requirements it is unlikely this area will ever be developed. These neighborhoods in effect are open space. <p>Staff completed a series of field reviews of much of the City between March and May to confirm land uses, observe trash accumulation, and determine drainage tributary boundaries. Based on these reviews, the following was determined:</p> <ol style="list-style-type: none"> 1) Smith Field Little League Park and Wavecrest Road (access road to park) accumulate a fair amount

	<p>of litter due to park and nearby beach use (this was confirmed by maintenance staff).</p> <ol style="list-style-type: none"> 2) The areas east of the Downtown Main Street retail/ commercial district, which the draft Trash Generation Map showed as including a number of non-residential Medium Trash Category uses, is generally free of litter. Several of the non-residential uses were in fact residential uses, or consisted of non-commercial uses such as barns or storage sheds. As a result, most of this area was reclassified into the Low Trash Generation Category. 3) Non-residential uses along Redondo Beach Road were found to be single-family residential homes. The area has been reclassified from Medium to Low Trash Generation. 4) Litter was observed along Main Street in front of the multi-family residential units near the south end of the Downtown. 5) The boundary of the drainage areas served by existing full-trash capture devices was adjusted based on actual topographic conditions – some areas were added, others were removed. The result was an increase in existing land being treated, from 78 acres to 92 acres. <p>Additional field work may be completed during preparation of the final Long-Term Trash Reduction Plan, between October and December 2013.</p>
2. Identifying trash sources (as necessary or feasible) to assist in selecting trash management actions	<p>Trash sources can be summarized as follows:</p> <ol style="list-style-type: none"> 1) General litter and waste from the Downtown Main Street retail/ commercial district. 2) Litter from commercial areas in the Highway 1- Highway 92 – North Main Street area (north of Pilarcitos Creek). 3) Litter from vehicles on Highways 1 and 92. 4) Litter from park use. 5) Litter on beach access routes. 6) Litter generated on or along access routes to schools. 7) Trash accumulation in open roadside ditches. <p>Illegal dumping does not appear to be a significant factor in overall trash loads. The September 2012 Hot Spot Cleanup (Trail on Pilarcitos Creek at Highway 1) yielded a single possible dumping item, a piece of a plastic child's backyard play equipment.</p>
3. Prioritizing trash generating areas and associated types of trash problems	<p>Based on (1) and (2) above, the City has established the following Trash Management Areas. These areas are shown on the attached City of Half Moon Bay Trash Management Areas Map.</p>

	<p><u>Trash Management Area 1</u></p> <p>The areas included in Trash Management Area 1 are generally located within the Very High, High, or Medium Trash Generating Areas, and installation of Full-Trash Capture Devices is an appropriate means of managing trash, and would be the highest priority for implementation of measures under the Long-Term Trash Reduction Plan. Subareas are as follows:</p> <p>1-A: Located between Main Street and Highway 1, south of Pilarcitos Creek and extending south of Kelly Avenue. Land uses include miscellaneous commercial/ retail, the City's Community Center, Library, and portions of Manuel Cunha Intermediate School. Kelly Avenue provides a link for vehicle traffic from the Downtown area on Main Street to Highway 1 and Half Moon Bay State Beach to the west. The drainage outfall is via a ditch on Highway 1 to the south side of Pilarcitos Creek.</p> <p>1-B: Located between Main Street and Highway 1, extending along Kelly Avenue to Railroad Avenue. Land uses include portions of Manuel Cunha Intermediate School, Alvin Hatch Elementary School, and portions of Highway 1. Kelly Avenue provides access at its west terminus at Railroad Avenue to one of the parking lots for Half Moon Bay State Beach. The drainage outfall is via a closed pipe into an open ditch at Railroad Avenue that flows across the State Beach into the Pacific Ocean.</p> <p>1-C: Located along the east end of Main Street near the south end of the Downtown. Land uses include miscellaneous retail/ commercial uses. The drainage outfall is at two street inlets on Main Street at the north end of the area.</p> <p>1-D: Located on the east side of Main Street, north of Pilarcitos Creek. Land uses include a retail center and Pilarcitos Creek Park (Cater Park). The retail center anchors the north end of Downtown and includes a number of food establishments. The drainage outfall is via a closed pipe system that outlets from the park into Pilarcitos Creek.</p> <p>1-E: Located between Highway 1 and the eastern City limits, north of the Highway 1/ Main Street intersection. Land uses include the James Ford auto dealership, multi-family residential on the east side of Main Street, a community theatre, and single-family residential. The drainage outfall is at a culvert under Highway 1 north of Magnolia Street. The ditch continues westerly along Magnolia through a detention pond and into the Pacific Ocean.</p> <p>1-F: Located west of Main Street just south of Pilarcitos Creek. Land uses include a mix of commercial and residential. The area includes a portion of Kelly Avenue. The drainage outfall is via a ditch at the north end of Church Street into Pilarcitos Creek.</p>
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	<p><u>Trash Management Area 2</u></p> <p>The areas included in Trash Management Area 2 are the various parks under City ownership and management. These areas would be given lower priority for implementation of new management actions (Subarea 2-D would be the exception to this). These are located in the Medium Trash Generating Area.</p> <p>2-A: Frenchman's Creek Park. The park is located on Ruisseau Francias Avenue in a residential area near the northerly end of town. The park is largely undeveloped and parking is limited to on-street parking. Improvements consist of a small seating/ picnic area. The drainage outfall is into Frenchman's Creek.</p> <p>2-B: Kehoe Park. The park is located on St. Josph Avenue in a residential neighborhood near the north – central part of town. The park is a neighborhood pocket park. The park has a small lawn and a play equipment area. The drainage outfall is via the neighborhood drainage system to a ditch across the State park into the Pacific Ocean.</p> <p>2-C: Ocean View Park. The park is located on Alsace Lorraine Avenue in the residential area west of Highway 1 and the Downtown. The park is located within Subarea 1-B. The park is a neighborhood pocket park. The park has a small lawn and a play equipment area. The drainage outfall is via the neighborhood drainage system to the Kelly Avenue ditch across the State park into the Pacific Ocean.</p> <p>2-D: Smith Field Park. The park is located on Wavecrest Drive south of the Downtown, west of Highway 1. Improvements include a Little League Field and gravel parking lot. Parking is used by beachgoers for access to undeveloped beach areas to the west.</p> <p><u>Trash Management Area 3</u></p> <p>The areas included in Trash Management Area 3 include various school, retail or commercial properties with drainage outfalls directly into watercourses or for which the drainage system is unknown at this time. These are located in both the Medium and High Trash Generating Areas. Further field review is needed in some cases to determine the actual level of trash generated at these locations. Implementation of measures would be based on actual trash generation and practicality of measures.</p> <p>3-A: Half Moon Bay High School. The school is located at the easterly end of Lewis Foster Drive, a private street. The layout of the drainage system is not known and appears to be split between several watersheds.</p> <p>3-B: A retail/ commercial area west of the Highway 1/ Highway 92 intersection. Land uses include fast food and takeout. The drainage outfall appears to be via the onsite private drainage system into Pilarcitos Creek.</p>
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	<p>3-C: A commercial area at the southwest corner of Main Street and Highway 92. Drainage appears to be westerly away from the streets across vacant land into Pilarcitos Creek.</p> <p>3-D: An isolated retail/ commercial area on Highway 1 near the north end of town. Land uses include Sam's Chowder House and a hotel. The drainage system layout is not known.</p> <p>3-E: An isolated commercial area on Highway 1 near the south end of town. The drainage system layout is not known.</p> <p>3-F: Half Moon Bay Golf Course Clubhouses. The drainage outfall is into a private drainage system and into the Pacific Ocean,</p> <p><u>Trash Management Area 4</u></p> <p>Trash Management Area 4 includes areas currently treated by full-trash capture devices.</p> <p>4-A: This area is located north of Highway 92 and east of Highway 1, with another area south of Highway 92 and east of Main Street. The portion of Highway 92 east of Main Street is treated by the full-trash capture devices. The devices are maintained by the City.</p> <p>4-B: This area is located along both sides of Main Street, encompassing most of the Downtown retail/ commercial district. The devices are maintained by the City.</p> <p>4-C: This area includes two senior housing developments located east of Main Street at Arnold Way. The devices are privately maintained.</p> <p><u>Trash Management Area 5</u></p> <p>The areas included in Trash Management Area 5 are the Low Trash Generating Areas. Land uses include single family, isolated commercial areas (such as a pumpkin farm on Highway 1), open space, and State Beaches.</p>
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<p>4. Identifying and selecting trash management actions for specific management areas</p>	<p>Based on (1), (2), and (3) above, the City has selected the following DRAFT new management measures. These will be refined and revised during development of the Long-Term Trash Reduction Plan before February 2014.</p> <p><u>Trash Management Area 1</u></p> <p>1-A: A full trash capture device will be installed near the existing storm drainage outfall into Pilarcitos Creek from Highway. It is anticipated that the device will be a large device such as a hydrodynamic separator manhole. The work may be completed in conjunction with a planned storm drain installation in Highway 1 from Kelly Avenue to Pilarcitos Creek. Funding for this work is not set and the construction timing is not been defined. The unit would treat portions of Highway 1, which is a non-jurisdictional area.</p> <p>1-B: A full-trash capture device will be installed on Kelly Avenue near Railroad Avenue, near the existing outfall onto Half Moon Bay State Beach. The location of the device may be adjusted upstream on Kelly Avenue closer to Alvin Hath Elementary School to reduce the tributary area and in turn reduce costs. Coastal Commission jurisdiction could be an issue and relocating the unit upstream from the ocean may remove the project from Coastal Commission jurisdiction. Locating the unit as far downstream as possible would be ideal in order to include litter generated by beach going traffic on Kelly Avenue. The unit would treat portions of Highway 1, which is a non-jurisdictional area, as well as Ocean View Park (Subarea 2-A).</p> <p>1-C: Two full trash capture inlet screens will be installed on Main Street on two existing inlets north of Monte Vista Avenue.</p> <p>1-D: A single full trash capture inlet screen will be installed at the storm drain outfall into Pilarcitos Creek at Carter Park.</p> <p>1-E: A full-trash capture device will be installed near the Magnolia Avenue culvert crossing of Highway 1. Further engineering work is needed to determine the optimum location and type of device. The City is currently processing a land development application by the James Ford automobile dealership to expand and rehabilitate the dealership, and convert unused storage areas to single-family residential housing. The will involve modifications to the existing drainage system, and incorporating of full-trash capture devices into the improvements will be studied.</p> <p>1-F: One-two full-capture inlet screens will be installed at the north end of Church Street into Pilarcitos Creek. Some engineering will be needed to incorporate the screens into the existing ditch.</p> <p>Based on the low cost and simple installation of the inlet screens for Areas 1-C, 1-D, and 1-F, the City may consider completing these installations during the second half of the 2013-2014 Fiscal Year, or in early 2014-</p>
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	<p>2015.</p> <p>Installation of the devices for Areas 1-A, 1-B, and 1-E may take several years in order to complete engineering and identify funding. The City currently has a balance of Vehicle San Mateo CCAG Vehicle Registration Fees that could be used for large trash capture device installation.</p> <p><u>Trash Management Area 2</u></p> <p>2-A, 2-B, and 2-C: No new management actions are planned. Existing trash collection and litter pickup activities will remain.</p> <p>2-D: Improvement to the Smith Field Little League Park is proposed under the City's Capital Improvement Program. Funding for design is included in the 2013-2014 Fiscal Year budget; Construction funding is proposed for the 2014-2015 or 2015-2016 Fiscal Years. Improvements would include improved grading and drainage for the field and parking lot. Runoff would be conveyed through a series of ditches for discharge into the existing ditch downstream of the park. Full-trash capture screens would be installed at the downstream end of the park (C.10 measures would be incorporated into required C.3 treatment measures).</p> <p><u>Trash Management Area 3</u></p> <p>3-A: Further research is needed to determine the drainage layout and discharge points of the high school. Based on better understanding of the system, additional full-trash capture measures may be installed downstream of the school once the drainage enters the public street system. This area would likely be reclassified into Trash Management Area 1.</p> <p>3-B: Further research is needed to determine the drainage layout and discharge points of the shopping center. Discussion is also needed with the management of the center. Installation of full-trash capture devices at the outfalls is the presumed management action. Installation could be accomplished by voluntary action on the part of the management, a cooperative project with the City, or a condition of approval for upgrades to the center.</p> <p>3-C: Further study is needed to determine discharge points of drainage and level of trash generation. Dependent on results, the area may be reclassified into Trash Management Area 1, Area 4 (if included in a treatment area already), downgraded to Trash Management Area 5, or placed in a new classification involving a series of management actions by the owners.</p> <p>3-D: : Further study is needed to determine discharge points of drainage and level of trash generation. Dependent on results, the area may be reclassified into Trash Management Area 1, downgraded to Trash</p>
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	<p>Management Area 5, or placed in a new classification involving a series of management actions by the owners.</p> <p>3-E: Further study is needed to determine discharge points of drainage and level of trash generation. Dependent on results, the area may be reclassified into Trash Management Area 1, downgraded to Trash Management Area 5, or placed in a new classification involving a series of management actions by the owners.</p> <p>3-F: Field review and discussion with the management of the golf course is needed to determine the level of trash generation and effectiveness of existing actions. It is expected that the management provides high level of existing maintenance to maintain the aesthetics of the site, including litter pickup. The site is also excluded from the general public, which limits littering and dumping.</p> <p><u>Trash Management Area 4</u></p> <p>No new management actions are proposed for Trash Management Area 4. Existing inspection and maintenance activities will continue.</p> <p><u>Trash Management Area 5</u></p> <p>The following new management actions are proposed for Trash Management Area 5:</p> <ol style="list-style-type: none"> 1) The City has adopted a single-use plastic bag ban policy, which went into effect in April 2013. 2) The City has completed an inventory of ditches, creeks, and channels through the City. The inventory includes ownership and maintenance responsibility for the watercourses. Maintenance activities will include clearing and vegetation control, as well as trash pickup. The City has completed a CEQA document in preparation for an application to the State Department of Fish and Wildlife for an ongoing channel-maintenance permit. Once on place, the permit will allow the City to perform water course maintenance in a more consistent and organized manner. 3) The City adopted a ban on food service polystyrene foam containers in June 2011. 4) The City includes a provision under its solid-waste franchise contracts for municipal solid waste and construction debris that all loads be covered. 5) The City responds to complaints of illegal dumping. 6) The City provides ongoing inspection of businesses with regards to trash container management through the MRP Section C.4 business inspection program.
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	These measures also apply to Trash Management Areas 1-4.
5. Defining the type of assessment(s) that will be used to demonstrate progress towards goals	<p>The City's Long-Term Management Plan leans heavily toward use of existing or new full-trash capture devices. The City has a limited engineering and public works staff, and extensive assessment efforts will divert staff from ongoing daily work, including implementation of new trash management actions. Implementation of a plan that involves a high-level of assessment activity would not be in conformance with the City's current model for providing services. The City instead will put this effort into installation and maintenance of trash-capture devices. It is our understanding that these actions will eliminate the need for assessment of those areas served by full-trash capture devices.</p> <p>For Trash Management Area 2, one and possibly two subareas will eventually have full trash capture treatment. The remaining two areas will require assessment to ensure that CURRENT maintenance efforts are effective. It is anticipated that the assessment would be a visual inspection and completion of an inspection form; inspection would be completed by an individual not associated with the normal maintenance activity.</p> <p>The City is currently exploring a number of additional assessment methods that will assist the City in demonstrating progress towards solving municipal stormwater-related trash problems within our jurisdictional area. Through participation in the San Mateo Countywide Pollution Prevention Program, the City is currently developing a countywide pilot trash assessment strategy and work plan. The pilot strategy will address the need to demonstrate progress in the near-term, while recognizing the fact that method development and testing is needed to achieve confidence in conclusions about trash reduction. The pilot strategy may include the testing of a number of trash assessment methods, including</p> <ul style="list-style-type: none"> • Visual assessments of trash conditions on-land; • Trash full capture device operation/maintenance verification; • Condition assessments in receiving waters; and, • Documenting and assessing control measure implementation. <p>The pilot strategy will be included as a supplement to our Long-Term Trash Load Reduction Plan, which will be submitted to the Water Board by February 1, 2014. The City may also choose to supplement the pilot strategy with City specific assessment strategies. The pilot strategy will be implemented in coordination with the three-year <i>Tracking California's Trash</i> grant-funded project, which was awarded to BASMAA by the State Board. A number of trash monitoring and assessment methods will be tested through the project and assist the City in developing a robust set of indicators for demonstrating progress toward trash reduction goals.</p>

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C.10.d ► Summary of Trash Reduction Actions

For each trash reduction action (i.e., control measures and best management practices) implemented by your municipality during the reporting period include a full description of the action. Describe actions initiated prior to and continued after the MRP effective date (December 2009), actions initiated after the MRP effective date, and actions planned for future implementation. If a planned action, also include the planned date of implementation. Add rows for actions not listed below as needed. Also identify the dominant source of trash and dominant types of trash removed for each action. To the extent possible, identify the applicable management areas identified on the map created under reporting section C.10.a.iii.

Action	Description	Trash Management Area(s) (Preliminary Map ID)	Dominant Sources	Dominant Types
Trash Management Area Specific Actions				
Full-Capture Treatment Devices	Continued Pre-MRP Actions: A description of full-trash capture devices installed prior to the MRP (December 2009) is included in Section C.10.a.iii and again in Section C.10.c	4-A	Retail commercial litter and waste, highway vehicle traffic litter	Plastic bottles, plastic bags plastic and paper serving food containers and cups, glass bottles, cigarette butts
	New/Enhanced Post-MRP Actions Initiated/Planned: A description of full-trash capture devices installed after the MRP (December 2009) is included in Section C.10.a.iii and again in Section C.10.c (Trash Management Area 4, Existing Full- Trash Capture Devices). Post-MRP actions are consistent with and exceed actions proposed in the Short-Term Trash Reduction Plan.	4-A, 4-B, 4-C		

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Action	Description	Trash Management Area(s) (Preliminary Map ID)	Dominant Sources	Dominant Types
Street Sweeping	Continued Pre-MRP Actions: The City's street sweeping includes sweeping most streets in residential areas once per month. The Downtown area weekly, and arterial streets weekly. Some streets are not swept because the streets are unimproved (no curb and gutter)	1-A, thru 1-F, 4-A thru 4-C, and 5	Trash accumulation, miscellaneous litter	Plastic bottles, plastic bags plastic and paper serving food containers and cups, glass bottles, cigarette butts, vegetation
	New/Enhanced Post-MRP Actions Initiated/Planned: New/enhanced street sweeping was not implemented. Enhanced street sweeping was not included in the City's Short-Term Trash Reduction Plan.	N/A		
On-land Trash Cleanups	Continued Pre-MRP Actions: Pre-MRP on-land cleanup activities include removal of homeless encampments (as needed), assistance to volunteer groups (Coastside Land Trust and Peninsula Open Space Trust	1-A, thru 1-F, 4-A thru 4-C, and 5	Trash accumulation, miscellaneous	Plastic bottles, plastic bags

C.10.d ► Summary of Trash Reduction Actions

For each trash reduction action (i.e., control measures and best management practices) implemented by your municipality during the reporting period include a full description of the action. Describe actions initiated prior to and continued after the MRP effective date (December 2009), actions initiated after the MRP effective date, and actions planned for future implementation. If a planned action, also include the planned date of implementation. Add rows for actions not listed below as needed. Also identify the dominant source of trash and dominant types of trash removed for each action. To the extent possible, identify the applicable management areas identified on the map created under reporting section C.10.a.iii.

Action	Description	Trash Management Area(s) (Preliminary Map ID)	Dominant Sources	Dominant Types
	<p>New/Enhanced Post-MRP Actions Initiated/Planned: Enhanced homeless encampment cleanup has not been found to be necessary.</p> <p>As described under Section C.3.c, Trash Management Area 5, the City is developing a comprehensive ditch, creek, and channel cleanup program. Work to date includes an inventory of watercourses within the City and development of a CEQA document. An application to the State Department of Fish and Wildlife for an ongoing maintenance permit is in progress. Maintenance activities will include trash removal.</p>	1-A, thru 1-F, 4-A thru 4-C, and 5	litter, minor amounts of dumping	plastic and paper serving food containers and cups, glass bottles, cigarette butts, vegetation
Activities to Reduce Trash from Uncovered Loads	Continued Pre-MRP Actions: None	N/A	Solid Waste Hauling Vehicles	Municipal household and commercial waste and construction debris
	New/Enhanced Post-MRP Actions Initiated/Planned: The City has included language in its solid waste franchise agreements to require haulers to cover loads when transporting trash or construction debris through the City.	1-A, thru 1-F, 2-A thru 2-D, 3-A thru 3-F, 4-A thru 4-C, and 5		
Anti-littering and Illegal Dumping Enforcement Activities	Continued Pre-MRP Actions: The Municipal Code prohibits littering and dumping. The illegal dumping program includes response to complaints, identification of offenders (if possible), and cleanup of debris if the responsible party cannot be found.	1-A, thru 1-F, 2-A thru 2-D, 3-A thru 3-F, 4-A thru 4-C, and 5	Trash accumulation, miscellaneous	Plastic bottles, plastic bags

C.10.d ► Summary of Trash Reduction Actions

For each trash reduction action (i.e., control measures and best management practices) implemented by your municipality during the reporting period include a full description of the action. Describe actions initiated prior to and continued after the MRP effective date (December 2009), actions initiated after the MRP effective date, and actions planned for future implementation. If a planned action, also include the planned date of implementation. Add rows for actions not listed below as needed. Also identify the dominant source of trash and dominant types of trash removed for each action. To the extent possible, identify the applicable management areas identified on the map created under reporting section C.10.a.iii.

Action	Description	Trash Management Area(s) (Preliminary Map ID)	Dominant Sources	Dominant Types
	New/Enhanced Post-MRP Actions Initiated/Planned: None, existing response and enforcement will continue.	1-A, thru 1-F, 2-A thru 2-D, 3-A thru 3-F, 4-A thru 4-C, and 5	litter, minor amounts of dumping	plastic and paper serving food containers and cups, glass bottles, cigarette butts, vegetation, household items
Improved Trash Bins/Container Management	Continued Pre-MRP Actions: Inspection of trash containers and bins is provided in conjunction with the business inspection program under MRP Section C.4.	1-A, thru 1-F, 3-A thru 3-F, 4-A thru 4-C, and 5	Commercial and Household Trash Containers	Commercial and Household Waste
	New/Enhanced Post-MRP Actions Initiated/Planned: None, existing activities will continue	1-A, thru 1-F, 3-A thru 3-F, 4-A thru 4-C, and 5		

C.10.d ► Summary of Trash Reduction Actions

For each trash reduction action (i.e., control measures and best management practices) implemented by your municipality during the reporting period include a full description of the action. Describe actions initiated prior to and continued after the MRP effective date (December 2009), actions initiated after the MRP effective date, and actions planned for future implementation. If a planned action, also include the planned date of implementation. Add rows for actions not listed below as needed. Also identify the dominant source of trash and dominant types of trash removed for each action. To the extent possible, identify the applicable management areas identified on the map created under reporting section C.10.a.iii.

Action	Description	Trash Management Area(s) (Preliminary Map ID)	Dominant Sources	Dominant Types
Creek, Channel, Shoreline Cleanups	Continued Pre-MRP Actions: Pre-MRP on-land cleanup activities include removal of homeless encampments (as needed), assistance to volunteer groups (Coastside Land Trust and Peninsula Open Space Trust	1-A,thru 1-F, 2-A thru 2-D, 4-A thru 4-C, and 5	Trash accumulation, miscellaneous litter, minor amounts of dumping	Plastic bottles, plastic bags plastic and paper serving food containers and cups, glass bottles, cigarette butts, vegetation
	New/Enhanced Post-MRP Actions Initiated/Planned: The City is working with the State of California Department of Fish and Wildlife (formerly Fish and Game) to obtain a multi-year programmatic permit for maintenance of open ditches, channels, and creeks. The City has completed an inventory and map of watercourses within the City (sorted by ownership, proposed maintenance frequency, etc.) and is completing the environmental (CEQA) document to obtain State DWW and Coastal Commission permits. An application to State DWW is in progress. The proposed maintenance activities will include trash pickup.	1-A,thru 1-F, 2-A thru 2-D, 4-A thru 4-C, and 5		
Area/Jurisdictional-wide Actions				
Single-Use Carryout Bag Policies	Continued Pre-MRP Actions: None	Jurisdiction-wide	Trash accumulation, miscellaneous litter, minor amounts of dumping	Plastic bags
	New/Enhanced Post-MRP Actions Initiated/Planned: The City of Half Moon Bay has chosen to participate in the San Mateo County single-use bag ban. The ban went into effect in April 2013			

C.10.d ► Summary of Trash Reduction Actions

For each trash reduction action (i.e., control measures and best management practices) implemented by your municipality during the reporting period include a full description of the action. Describe actions initiated prior to and continued after the MRP effective date (December 2009), actions initiated after the MRP effective date, and actions planned for future implementation. If a planned action, also include the planned date of implementation. Add rows for actions not listed below as needed. Also identify the dominant source of trash and dominant types of trash removed for each action. To the extent possible, identify the applicable management areas identified on the map created under reporting section C.10.a.iii.

Action	Description	Trash Management Area(s) (Preliminary Map ID)	Dominant Sources	Dominant Types
Polystyrene Foam Food Service Ware Policies	Continued Pre-MRP Actions: None	Jurisdiction-wide	Trash accumulation, miscellaneous litter	Food containers
	New/Enhanced Post-MRP Actions Initiated/Planned: The City adopted a ban on food service polystyrene foam containers in June 2011. The ban went into effect in August 2011. Enforcement is provided by the San Mateo County Division of Environmental Health in conjunction with the MRP Section C.4 business inspection program.			

Public Education and Outreach Programs	<p>Continued Pre-MRP Actions: The City implemented the following public education and outreach control measures prior to the effective date of the MRP and has continued to implement these measures since MRP adoption.</p> <p><i>SMCWPPP Public Information and Participation Program (Countywide)</i></p> <p>Through participation and funding of the San Mateo Countywide Water Pollution Prevention Program's (SMCWPPP) Public Information and Participation program (PIP), the City plans to continue implementing litter reduction outreach to school-age children and youth. SMCWPPP currently oversees a contract to provide direct outreach to grades K-5 in a school setting on behalf of all permittees. The contract is currently held by the Banana Slug String Band, which performs a presentation called "We All Live Downstream." Through songs and interactive exercises, the message of not putting anything in the storm drains (including trash) is delivered, along with basic concepts of the water cycle and the impact of pollution on aquatic life. In addition, SMCWPPP has developed a presentation entitled "Water Pollution Prevention: Problems and Solutions" that is delivered to high school students. This presentation is dedicated to watershed and storm drain education, and the impact of litter on local creeks and waterways. Both efforts are managed to ensure that schools in each community in the County are reached. For communities without High Schools, the feeder schools in neighboring communities are specifically targeted for presentations. In addition to outreach at the school sites, a number of student activity guides and coloring books related to watershed health and littering are provided to children who attend outreach events. Schools are also directly targeted in promotion of Coastal Cleanup Day.</p> <p>PIP also participates in a regional anti-littering campaign developed by BASMAA targeted at youth ages 14 to 24. As acting chair of the BASMAA PIP committee, SMCWPPP PIP has participated in the development and dissemination of campaign materials, and has conducted local events on behalf of all jurisdictions to promote the campaign. The campaign, entitled "Be The Street You Want to See", will soon transition from building a community of youth dedicated to not littering to engaging that community in action.</p>	Jurisdiction-wide	Trash accumulation, miscellaneous litter, minor amounts of dumping	Plastic bottles, plastic bags plastic and paper serving food containers and cups, glass bottles, cigarette butts, vegetation, household items
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	<p>SMCWPPP, through its PIP program, plans to continue to conduct community outreach events on behalf of Permittees who request support. Outreach materials related to litter that are distributed include, in addition to the children's materials listed above under Outreach to School-age Children or Youth, a promotional sign for cigarette smokers to discourage cigarette litter, and pocket ashtrays are given out. A general stormwater pollution prevention flyer in English and Spanish that includes litter reduction in its messaging is distributed. In addition to table outreach events conducted for specific Permittees, PIP also conducts a Countywide Event aimed to reach residents from throughout the County. PIP manages an online calendar which promotes cleanup events by non-profit organizations throughout the County. In FY 2012, PIP completed its 7th year acting as the county coordinator for Coastal Cleanup Day, increasing volunteer participation by 400% in that time, and trash removal increased by 300%.</p> <p>During the term of the MRP, new outreach materials have been disseminated to the public, including reusable shopping bags to encourage reduction in use of plastic carryout bags PIP has supported a countywide ban on carryout bags that began implementation on April 22, 2013. In addition, spring cleanups taking place in individual jurisdictions are promoted under one theme by PIP, entitled Spring Cleaning SMC. PIP assists in directing volunteers to cleanup events in their communities. SMCWPPP conducted a total of 11 outreach events on behalf of various jurisdictions within the County in the 2012-13 fiscal year. SMCWPPP will also continue maintaining an online calendar of cleanups on a monthly basis. In addition to using the SMCWPPP website, flowstobay.org, to promote cleanups, PIP is actively involved in social media platforms such as Facebook, Twitter, You Tube, and Instagram to deliver anti-littering and cleanup messages.</p> <p><i>Coastal Cleanup Day Promotion (Countywide)</i></p> <p>On the countywide level, SMCWPPP also conducts annual press releases for Coastal Cleanup Day, and uses Twitter to promote cleanup events. These releases are intended to gain support and assistance for cleanup events conducted each September in local water bodies.</p>			
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	<p><i>BASMAA Regional Media Relations Project (Regional)</i></p> <p>Through participation and funding of the BASMAA Regional Media Relations Project, the City is continuing to implement a media relations project partially designed to reduce littering from target audiences in the Bay Area. The goal of the BASMAA Media Relations Project is to generate media coverage that encourages individuals to adopt behavior changes to prevent water pollution, including littering. At least two press releases or PSAs focus on litter issues each year (e.g., creek clean-up activities, preventing litter by using reusable containers, etc.). In FY 12-13, the Media Relations project developed a press release new and recent bag bans in cities around the region. The pitch included information on the litter caused by plastic bags. Information ran on KBAY, KCBS and on eight Bay Area Patch.com sites.</p>			
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	<p>New/Enhanced Post-MRP Actions Initiated/Planned: In addition to the control measures continued port-MRP adoption, the City is currently implementing or planning to implement the following public education and outreach control measures that were initiated after the MRP was adopted.</p> <p><i>BASMAA Youth Outreach Campaign (Regional)</i></p> <p>Through participation and funding of the regional BASMAA Youth Outreach Campaign, the City is implementing an outreach campaign designed to reduce littering from the target audience in the Bay Area. The Youth Outreach Campaign was launched in September 2011 and aims to increase the awareness of Bay Area Youth (ages 16-24) on litter and stormwater pollution issues, and eventually change their littering behaviors. Combining the ideas of Community Based Social Marketing with traditional advertising, the Youth Campaign aims to engage youth to enable the peer-to-peer distribution of Campaign messages. The Campaign will at least run through FY 13-14. A brief description of the Campaign activities is provided below:</p> <ul style="list-style-type: none"> ○ <u>Raising Awareness:</u> The Campaign is raising awareness of the target audience on litter and stormwater pollution issues. Partnerships with youth commissions, high schools, and other youth focused organizations have been developed to reach the target audience. Messages targeted to youth have been created and distributed via paid advertising, email marketing, Campaign website and social networking sites (e.g., Facebook and Twitter). ○ <u>Engage the Youth</u> - The advertisements encourage the audience to participate in the Youth Campaign by joining a Facebook page, entering a contest, taking an online quiz, etc., and providing their contact information. At the beginning of FY 12-13, a video contest was launched to get Bay Area youth further involved in the Campaign. An online voting system was used to select the winning entry. Media advertising was conducted to promote the winning entry. ○ <u>Change Behaviors:</u> To move the audience along the behavior change continuum, the Campaign is using 			
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	<p>electronic platforms such as email marketing and social networking sites to encourage participants to engage in increasingly more difficult behavior changes, such as participating in a clean-up, organizing a clean-up, etc.</p> <ul style="list-style-type: none">○ <u>Maintain Engagement</u>: The Campaign continues to interact with the target audience through email marketing and social media websites. <p>The Youth Campaign includes a pre and post campaign survey to evaluate the effectiveness of outreach. The pre-campaign survey was conducted in FY 11-12 and the post campaign survey will begin in FY 13-14. Other evaluation mechanisms, such as website hits, number of youth engaged in the Campaign's social networking website, etc. are also being used to evaluate its effectiveness in increasing awareness and changing behavior.</p> <p>Activities in FY 12-13 included maintaining the website www.BetheStreet.org, Facebook page, and Instagram account. A video contest asking participants to submit their best anti-litter video was also conducted. The Be the Street campaign received 52 entries in response to the contest. The winning video was promoted on television, Pandora (online music site), YouTube, Google, and Facebook.</p>			
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ORDINANCE NO. C-06-11

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF HALF MOON BAY ADDING CHAPTER 7.30 "POLYSTYRENE BASED DISPOSABLE FOOD SERVICE WARE PROHIBITED" TO THE CITY OF HALF MOON BAY MUNICIPAL CODE

RECITALS

WHEREAS, the County of San Mateo has adopted an ordinance prohibiting food vendors from using polystyrene based disposable food service ware; and

WHEREAS, this Council finds that polystyrene is a petroleum-based, lightweight plastic material commonly used as food service ware by retail food vendors operating in the City of Half Moon Bay. Polystyrene, often referred to by the trademark Styrofoam, has also become a problematic environmental pollutant given its non-biodegradable, and nearly non-reusable nature; and

WHEREAS, this Council finds that polystyrene-based, single-use food service ware constitutes a substantial portion of the litter within the City of Half Moon Bay; and

WHEREAS, this Council finds that effective ways to reduce the negative environmental impacts of disposable food service ware include reusing or recycling food service ware and using compostable materials made from renewable resources such as paper, cardboard, corn starch, potato starch, and/or sugarcane; and

WHEREAS, this Council does, accordingly, find and declare that it should restrict the use by food vendors of polystyrene-based disposable food service ware.

NOW, THEREFORE, the City Council of the City of Half Moon Bay ordains as follows:

SECTION 1. Chapter 7.30 "POLYSTYRENE BASED DISPOSABLE FOOD SERVICE WARE PROHIBITED" is added to City of Half Moon Bay Municipal Code to read as follows:

"Chapter 7.30

POLYSTYRENE BASED DISPOSABLE FOOD SERVICE WARE PROHIBITED

Section 7.30.010 Adoption of San Mateo County Code Chapter 4.107 by Reference.

Chapter 4.107 "Prohibition on the Use of Polystyrene Based Disposable Food Service Ware by Food Vendors" of Title 4 of the San Mateo County ordinance code, and any amendments thereto, are hereby adopted and made effective in this city. Certified copies of Chapter 4.107 of Title 4, as adopted hereby, have been deposited with the City Clerk, and shall be at all times maintained by the Clerk for use and examination by the public.

Section 7.30.020 Authorization of Enforcement By San Mateo County Personnel.

The County of San Mateo, its officers, employees and agents are hereby authorized to enforce, on behalf of the city, Chapter 4.107 "Prohibition on the Use of Polystyrene Based Disposable Food Service Ware by Food Vendors" of Title 4 of the San Mateo

County ordinance code, and any amendments thereto, within the jurisdiction areas of this city. Such enforcement authority includes, but is not limited to, the collection of fees and fines, expending such revenue in the enforcement of the prohibition on the use of polystyrene based disposable food service ware by food vendors, holding hearings, suspending permits and issuing administrative fines.

SECTION 2. Severability. If any section, sentence, clause or phrase of this Ordinance is for any reason held to be invalid or unconstitutional by a decision of any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of this Ordinance. The City Council hereby declares that it would have passed this Ordinance and adopted this Ordinance and each section, sentence, clause or phrase thereof, irrespective of the fact that any one or more section, subsections, sentences, clauses or phrases be declared invalid or unconstitutional.

SECTION 3. Publication. The City Clerk of the City of Half Moon Bay is hereby directed to publish this Ordinance, or the title hereof as a summary, pursuant to Government Code Section 36933, once within fifteen (15) days after its passage in the Half Moon Bay Review, a newspaper of general circulation published in the City of Half Moon Bay.

SECTION 4. Effective date. This Ordinance shall take effect and be in force on the first day of August, 2011.

INTRODUCED at a regular meeting of the City Council of the City of Half Moon Bay, California, held on the 17th day of May, 2011.

ADOPTED at a regular meeting of the City Council of the City of Half Moon Bay, California, held on the 7th day of June, 2011, by the following vote:

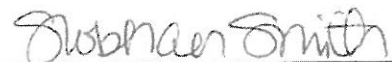
AYES, Councilmembers: Alifano, Fraser, Kowalczyk, Muller & Mayor Patridge

NOES, Councilmembers: _____

ABSENT, Councilmembers: _____

ABSTAIN, Councilmembers: _____

ATTEST:


Siobhan Smith, City Clerk


Naomi Patridge, Mayor

ORDINANCE NO. C-2013-03

**AN ORDINANCE OF THE CITY COUNCIL OF THE
CITY OF HALF MOON BAY ADDING CHAPTER 7.35
"REUSABLE BAGS" OF TITLE 7 "HEALTH AND WELFARE"
OF THE HALF MOON BAY MUNICIPAL CODE**

THE CITY COUNCIL OF THE CITY OF HALF MOON BAY DOES HEREBY ORDAIN AS FOLLOWS:

SECTION 1. Chapter 7.35 "Reusable Bags" is hereby added as follows:

SEC. 7.35.010. Findings and purpose.

The city council finds and determines that:

- a. The use of single-use, carry-out bags by consumers at retail establishments is detrimental to the environment, public health, and welfare.
- b. The manufacture and distribution of single-use, carry-out bags requires utilization of natural resources and results in the generation of greenhouse gas emissions.
- c. Single-use, carry-out bags contribute to environmental problems, including litter in storm drains, creeks, the bay, and the ocean.
- d. Single-use, carry-out bags provided by retail establishments impose unseen costs on consumers, local governments, the state, and taxpayers, and constitute a public nuisance.

The city council of Half Moon Bay does, accordingly, find and declare that it should restrict the use of single-use, carry-out bags.

The city has a substantial interest in protecting its residents and the environment from negative impacts from plastic carry-out bags.

SEC. 7.35.020. Definitions.

- a. "Customer" means any person obtaining goods from a retail establishment.
- b. "Garment bag" means a travel bag made of pliable, durable material with or without a handle, designed to hang straight or fold double and used to carry suits, dresses, coats, or the like without crushing or wrinkling the same.
- c. "Nonprofit charitable reuser" means a charitable organization, as defined in Sec. 501(c)(3) of the Internal Revenue Code of 1986, or a distinct operating unit or division of the charitable organization, that reuses and recycles donated goods or materials and receives more

than fifty percent (50%) of its revenues from the handling and sale of those donated goods or materials.

d. "Person" means any natural person, firm, corporation, partnership, or other organization or group however organized.

e. "Prepared food" means foods or beverages which are prepared on the premises by cooking, chopping, slicing, mixing, freezing, or squeezing, and which require no further preparation to be consumed. "Prepared food" does not include any raw, uncooked meat product, or fruits or vegetables which are chopped, squeezed, or mixed.

f. "Public eating establishment" means a restaurant, take-out food establishment, or any other business that receives ninety percent (90%) or more of its revenue from the sale of prepared food to be eaten on or off its premises.

g. "Recycled paper bag" means a paper bag provided at the check stand, cash register, point-of-sale, or other point of departure for the purpose of transporting food or merchandise out of the establishment that contains no old-growth fiber and a minimum of forty percent (40%) postconsumer recycled content; is one hundred percent (100%) recyclable; and has printed in a highly visible manner on the outside of the bag the words "Reusable" and "Recyclable," the name and location of the manufacturer, and the percentage of postconsumer recycled content.

h. "Retail establishment" means any commercial establishment that sells perishable or nonperishable goods, including, but not limited to, clothing, food, and personal items directly to the customer; and is located within or doing business within the geographical limits of the City of Half Moon Bay. "Retail establishment" does not include public eating establishments or nonprofit charitable reusers.

i. "Reusable bag" means either a bag made of cloth or other machine-washable fabric that has handles, or a durable plastic bag with handles that is at least 2.25 mil thick and is specifically designed and manufactured for multiple reuse. A garment bag may meet the above criteria regardless of whether it has handles or not.

j. "Single-use, carry-out bag" means a bag other than a reusable bag provided at the check stand, cash register, point-of-sale, or other point of departure, including departments within a store, for the purpose of transporting food or merchandise out of the establishment. "Single-use, carry-out bags" do not include bags without handles provided to the customer: (1) to transport prepared food, produce, bulk food, or meat from a department within a store to

the point-of-sale; (2) to hold prescription medication dispensed from a pharmacy; or (3) to segregate food or merchandise that could damage or contaminate other food or merchandise when placed together in a reusable bag or recycled paper bag.

SEC. 7.35.030. Single-use, carry-out bag.

a. No retail establishment shall provide a single-use, carry-out bag to a customer at the check stand, cash register, point-of-sale, or other point of departure for the purpose of transporting food or merchandise out of the establishment, except as provided in this section.

b. On or before December 31, 2014, a retail establishment may only make recycled paper bags or reusable bags available to customers if the retailer charges a minimum of ten cents (\$0.10) per bag.

c. On or after January 1, 2015, a retail establishment may only make recycled paper bags or reusable bags available to customers if the retailer charges a minimum of twenty-five cents (\$0.25) per bag.

d. Notwithstanding this section, no retail establishment may make available for sale a recycled paper bag or a reusable bag unless the amount of the sale of such bag is separately itemized on the sale receipt.

e. A retail establishment may provide one (1) or more recycled paper bags at no cost to any of the following individuals: a customer participating in the California Special Supplement Food Program for Women, Infants, and Children pursuant to Article 2 (commencing with Sec. 123275) of Chapter 1 of Part 2 of Division 106 of the Health and Safety Code; a customer participating in the Supplemental Food Program pursuant to Chapter 10 (commencing with Sec. 15500) of Part 3 of Division 9 of the California Welfare and Institutions Code; and a customer participating in CalFresh pursuant to Chapter 10 (commencing with Sec. 18900) of Part 6 of Division 9 of the California Welfare and Institutions Code.

SEC. 7.35.040. Recordkeeping and inspection.

Every retail establishment shall keep complete and accurate records or documents of the purchase and sale of any recycled paper bag or reusable bag by the retail establishment for a minimum period of three (3) years from the date of purchase and sale, which record shall be available for inspection at no cost to the city during regular business hours by any city employee authorized to enforce this part. Unless an alternative location or method of review is mutually agreed upon, the records or documents shall be available at the retail establishment

address. The provision of false information, including incomplete records or documents to the city, shall be a violation of this Chapter."

SECTION 2. SEVERABILITY. If any provision of this ordinance is declared invalid by a court of competent jurisdiction, it is the intent of the City Council that such invalid provision be severed from the remaining provisions of the ordinance.

SECTION 3. CEQA REVIEW. On October 23, 2012, the County of San Mateo County adopted a Program Environmental Impact Report ("EIR") that analyzed the impacts of this reusable bag ordinance if adopted in cities throughout the County of San Mateo as well as neighboring jurisdictions. The EIR was adopted pursuant to the California Environmental Quality Act, Public Resources Code section 21000 *et seq.* ("CEQA") and the CEQA Guidelines, California Code of Regulations, Title 14, Section 15000 *et seq.* It is incorporated by reference herein.

Pursuant to Section 15096 of the CEQA Guidelines, the City of Half Moon Bay acts as a responsible agency for adoption of this ordinance within the City of Half Moon Bay. Upon independent review of the EIR and all the evidence before it, the City Council makes the following findings:

- 1) The Final Program Environmental Impact Report is complete, correct, adequate, and prepared in accordance with CEQA, CEQA Guidelines, and the public comment period; and
- 2) On the basis of the Initial Study, Notice of Preparation, Final Program Environmental Impact Report, and public comment received by both the County of San Mateo and the City of Half Moon Bay, there is no substantial evidence that the project as proposed will have a significant effect on the environment; and
- 3) Adoption of this ordinance and analysis of the EIR reflects the independent judgment of the City Council of the City of Half Moon Bay; and
- 4) A Notice of Determination shall be filed pursuant to CEQA Guidelines sections 15094 and 15096.

SECTION 4. PUBLICATION. The City Clerk of the City of Half Moon Bay is hereby directed to publish this Ordinance, or the title hereof as a summary, pursuant to Government Code Section 36933, once within fifteen (15) days after its passage in the Half Moon Bay Review, a newspaper of general circulation published in the City of Half Moon Bay.

SECTION 5. EFFECTIVE DATE. This Ordinance shall be effective April 22nd 2013.

INTRODUCED at a regular meeting of the City Council of the City of Half Moon Bay, California, held on the 19th day of February, 2013.

PASSED AND ADOPTED at a regular meeting of the City Council of the City of Half Moon Bay, California, held on the 5th day of March, 2013, by the following vote:

Ayes, Councilmembers: Alifano, Fraser, Muller, Patridge & Mayor Kowalczyk

Noes, Councilmembers: _____

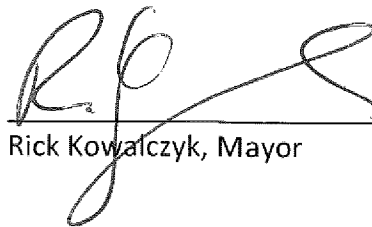
Absent, Councilmembers: _____

Abstain, Councilmembers: _____

Attest:

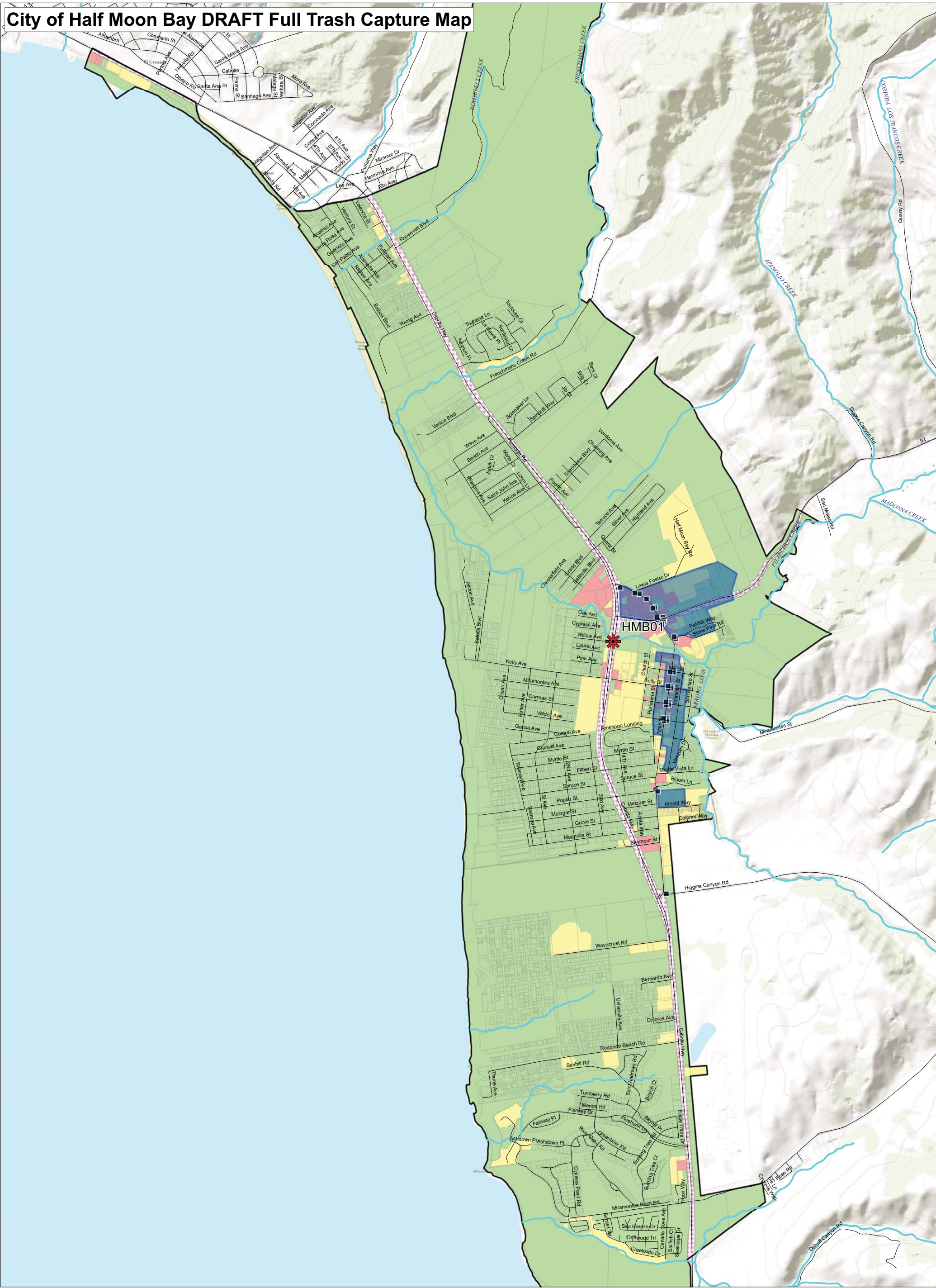


Siobhan Smith, City Clerk



Rick Kowalczyk, Mayor

City of Half Moon Bay DRAFT Full Trash Capture Map



Legend

Trash Generation Category

- Low
- Medium
- High
- Very High

- Creek/Shoreline Hotspot
- Full-Capture Location
- Full Trash Capture
- Non-Jurisdictional (Dot color = Generation Category)

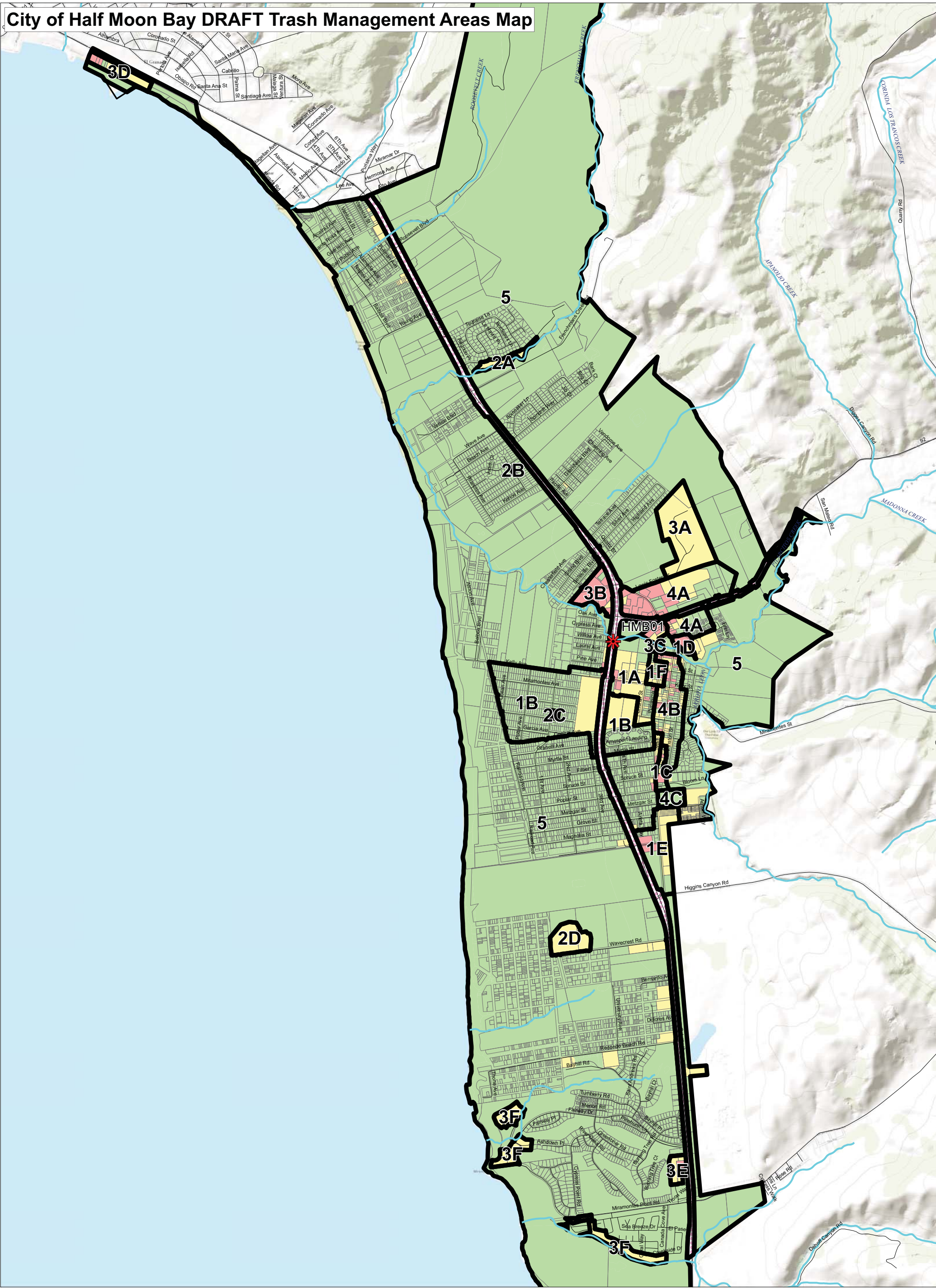
- Streets
- Agency Boundary
- Creeks
- Parcel Boundary

Data Sources:
Roads: San Mateo County
City Boundaries: San Mateo County
Background: ESRI World Topographic Map

Map Created By:
EOA, Inc.

Date:
August 29th, 2013

City of Half Moon Bay DRAFT Trash Management Areas Map



Legend

Trash Generation Category

Low

Medium

High

Very High

Creek/Shoreline Hotspot

Trash Management Area

Non-Jurisdictional (Dot color = Generation Category)

Streets

Agency Boundary

Creeks

Parcel Boundary



Data Sources:
Roads: San Mateo County
City Boundaries: San Mateo County
Background: ESRI World Topographic Map

Map Created By:
EOA, Inc.

Date:
August 29th, 2013

Section 11 - Provision C.11 Mercury Controls

C.11.a.i ► Mercury Recycling Efforts

List below or attach lists of efforts to promote, facilitate, and/or participate in collection and recycling of mercury containing devices and equipment at the consumer level (e.g., thermometers, thermostats, switches, bulbs).

1. Through San Mateo County's Environmental Health Dept., HMB has an annual collection event (last was April 2013) for mercury containing devices and other Household hazardous waste (HHW) at the Fire District headquarters on Main St. This event is provided through San Mateo County's Environmental Health Dept. According to San Mateo County's Environmental Health Dept., it is estimated that quantities of mercury collection is less than 5 gallons/yr for mercury devices.
2. Through San Mateo County's Environmental Health Dept, there is a free drop off of mercury containing devices and other acceptable HHW 3 days per week at their city of San Mateo site on Tower Rd.
3. HMB's hauler, Allied does not offer any other programs for this material, but does provide outreach thru a billing insert.

C.11.a.ii ► Mercury Collection

Provide an estimate of the mass of mercury collected through these efforts, or provide a reference to a report containing this estimate.

Please refer to the SMCWPPP FY 12-13 Annual Report for an estimate of the mass of mercury collected through collection and recycling efforts in the SMCWPPP area.

- C.11.b ► Monitor Methylmercury**
- C.11.c ► Pilot Projects to Investigate and Abate Mercury Sources in Drainages**
- C.11.d ► Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices**
- C.11.e ► Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit**
- C.11.f ► Diversion of Dry Weather and First Flush Flows to POTWs**
- C.11.g ► Monitor Stormwater Mercury Pollutant Loads and Loads Reduced**
- C.11.h ► Fate and Transport Study of Mercury In Urban Runoff**
- C.11.i ► Development of a Risk Reduction Program Implemented Throughout the Region**
- C.11.j ► Develop Allocation Sharing Scheme with Caltrans**

State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below.

Summary

A summary of SMCWPPP and regional accomplishments for these sub-provisions are included within the C.11 Mercury Controls section of the SMCWPPP FY 12-13 Annual Report and/or the BASMAA Regional POC Report.

Section 12 - Provision C.12 PCBs Controls

C.12.a.ii,iii ► Ongoing Training

(For FY 10-11 Annual Report and Each Annual Report Thereafter) List below or attach description of ongoing training development and inspections for PCB identification, including documentation and referral to appropriate regulatory agencies (e.g. county health departments, Department of Toxic Substances Control, California Department of Public Health, and the Water Board) as necessary.

Description:

Training has not been conducted to date. City will continue to work with the Program and will provide training to staff as it becomes available.

C.12.b ► Conduct Pilot Projects to Evaluate Managing PCB-Containing Materials and Wastes during Building Demolition and Renovation Activities

C.12.c ► Pilot Projects to Investigate and Abate On-land Locations with Elevated PCB Concentrations

C.12.d ► Conduct Pilot Projects to Evaluate and Enhance Municipal Sediment Removal and Management Practices

C.12.e ► Conduct Pilot Projects to Evaluate On-Site Stormwater Treatment via Retrofit

C.12.f ► Diversion of Dry Weather and First Flush Flows to POTWs

C.12.g ► Monitor Stormwater PCB Pollutant Loads and Loads Reduced

C.12.h ► Fate and Transport Study of PCBs In Urban Runoff

C.12.i ► Development of a Risk Reduction Program Implemented Throughout the Region

State below if information is reported in a separate regional report. Municipalities that participate directly in regional activities to can provide descriptions below.

Summary

A summary of SMCWPPP and regional accomplishments for these sub-provisions are included within the C.12 PCB Controls section of the SMCWPPP FY 12-13 Annual Report and/or the BASMAA Regional POC Report.

Section 13 - Provision C.13 Copper Controls

C.13.a.iii.(2) ► Training, Permitting and Enforcement Activities

(FY 11-12 Annual Report and each Annual Report thereafter) Provide summaries of activities implemented to manage waste generated from cleaning and treating of copper architectural features, including copper roofs, during construction and post-construction including. :

- Development of BMPs on how to manage the water during and post construction
- Requiring the use of appropriate BMPs when issuing building permits
- Educating installers and operators on appropriate BMPs
- Enforcement actions taken again noncompliance

Development of BMPs: The Countywide Program collaborated with BASMAA to develop BMPs to manage waste generated from cleaning and treating of copper architectural features, including copper roofs, during construction and post construction. The Countywide Program, in collaboration with the Santa Clara Valley Urban Runoff Pollution Prevention Program, also prepared an educational flyer on the BMPs.

The Countywide Program updated its Stormwater Requirements Checklist to include the architectural copper BMPs in the list of source controls measures that may apply to projects. HMB Municipal staff attended the training at April 11, 2013 Construction Site Inspection Workshop, development of BMP fact sheet, and utilizes the SMCPPPP inspection form to establish if architectural copper is visible on site (checkbox). If so, the flyer is passed out.

The city of HMB adopted the following project condition of approval:

“Projects with architectural copper should, if possible, purchase copper materials that have been pre-patinated at the factory. Whether patination is done offsite or onsite, applicant should consider coating the copper materials with an impervious coating that prevents further corrosion and runoff. If patination is done on-site, implement one or more of the following:

- Discharge the rinse water to landscaping. Ensure that the rinse water does not flow to the street or storm drain. Block off storm drain inlet if needed.
- Collect rinse water in a tank and pump to the sanitary sewer. Contact your local sanitary sewer agency before discharging to the sanitary sewer.
- Collect the rinse water in a tank and haul off-site for proper disposal.”

Permittee Name: City of Half Moon Bay

C.13.a.iii.(3) ► Evaluation of Effectiveness

(FY 12-13 Annual Report) Evaluate the effectiveness of measures the agency has undertaken to prevent discharge of wastewater to storm drains during the installation, cleaning, treating, and washing of the surface of copper architectural features. The discussion of the effectiveness of these measures should include BMP implementation and may propose additional measures to address this source of pollutants.

HMB Municipal staff doing construction site inspections utilizes the SMCPPPP inspection form to establish if architectural copper is visible on site (checkbox). If so, the flyer is passed out.

Architectural Copper usage is low in Half Moon Bay due to high oxidation rates.

C.13.c ► Vehicle Brake Pads

Reported in a separate regional report.

A summary of SMCWPPP's participation with the Brake Pad Partnership (BPP) is included within the C.13 Copper Controls section of the SMCWPPP FY 12-13 Annual Report and/or the BASMAA Regional POC Report.

C.13.c.iii ► Water Quality Issues Associated with Automobile Brake Pads

(FY 12-13 Annual Report Only) – Assess status of copper water quality issues associated with automobile brake pads and recommend brake-pad related actions for inclusion in subsequent permits if needed.

An assessment of copper water quality issues associated with automobile brake pads and recommend brake-pad related actions for inclusion in subsequent permits is included within the C.13 Copper Controls section of the SMCWPPP FY 12-13 Annual Report and/or the BASMAA Regional POC Report.

C.13.d.iii ► Industrial Sources Copper Reduction Results

Based upon inspection activities conducted under Provision C.4, highlight copper reduction results achieved among the facilities identified as potential users or sources of copper, facilities inspected, and BMPs addressed.

Summary

Please refer the CEH Annual Report.

C.13.e ► Studies to Reduce Copper Pollutant Impact Uncertainties

Report on progress of studies being conducted countywide or regionally to reduce copper pollutant impact uncertainties. State below if information is reported in a separate regional report.

Summary

A summary of the SMCWPPP and/or regional efforts to develop regional studies to reduce copper pollutant impact uncertainties is included within the C.13 Copper Controls section of the SMCWPPP FY 12-13 Annual Report and/or BASMAA Regional POC Report.

Section 14 - Provision C.14 PBDE, Legacy Pesticides and Selenium Controls

C.14.a ► Control Programs for PBDEs, Legacy Pesticides and Selenium Controls

Report on progress of studies being conducted countywide or regionally to characterize the distribution and pathways of PBDEs, legacy pesticides, and selenium. State below if information is reported in a separate regional report.

Summary

A summary of SMCWPPP and regional efforts related to the Control Program for PBDEs, Legacy Pesticides and Selenium is included within the C.14 PBDE, Legacy Pesticides and Selenium section of the SMCWPPP FY 12-13 Annual Report and/or BASMAA Regional POC Report.

C.14.a.v. ► Control Programs for PBDEs, Legacy Pesticides and Selenium Controls – Load Computation

(For FY 12-13 Annual Report only) Submit a report with information required to compute loading estimates of PBDEs, legacy pesticides and selenium from urban runoff to the Bay.

Summary

Information required to compute loading estimates of PBDEs, legacy pesticides and selenium from urban runoff to the Bay is included within the C.14 PBDE, Legacy Pesticides and Selenium section of the SMCWPPP FY 12-13 Annual Report and/or BASMAA Regional POC Report.

C.14.a.vi. ► Control Programs for PBDEs, Legacy Pesticides and Selenium Controls – Control Measures

(For FY 12-13 Annual Report only) Submit a report identifying control measures and/or management practices to reduce impacts from discharges of PBDEs, legacy pesticides or selenium in urban runoff.

Summary

A report identifying control measures and/or management practices to reduce impacts from discharges of PBDEs, legacy pesticides or selenium in urban runoff is included within the C.14 PBDE, Legacy Pesticides and Selenium section of the SMCWPPP FY 12-13 Annual Report and/or BASMAA Regional POC Report.

Permittee Name: _____

Section 15 - Provision C.15 Exempted and Conditionally Exempted Discharges

C.15.b.iii.(1), C.15.b.iii.(2) ► Planned and Unplanned Discharges of Potable Water

Is your agency a water purveyor?

☐

Yes

☒

No

If **No**, skip to C.15.b.vi.(2):If **Yes**, Complete the attached reporting tables or attach your own table with the same information. Provide any clarifying comments below.

Comments:

N/A

C.15.b.vi.(2) ► Irrigation Water, Landscape Irrigation, and Lawn or Garden Watering

Provide implementation summaries of the required BMPs to promote measures that minimize runoff and pollutant loading from excess irrigation. Generally the categories are:

- Promote conservation programs
- Promote outreach for less toxic pest control and landscape management
- Promote use of drought tolerant and native vegetation
- Promote outreach messages to encourage appropriate watering/irrigation practices
- Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff.

Summary:

Implementation of BMP's to promote measures that minimize runoff and pollutant loading from excess irrigation is done in accordance with the city's Municipal Code Chapter 13.04 – Water Conservation in Landscaping Regulations. Water Conservation and landscape management is also addressed through the City's land use requirements.

C.15.b.iii.(1) ► Planned Discharges of the Potable Water System										
Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Duration of Discharge (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L)	pH (standard units)	Discharge Turbidity ⁶² (NTU)	Implemented BMPs & Corrective Actions
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

⁶² Monitor the receiving water for turbidity if necessary and feasible. Include data in this column if available.

C.15.b.iii.(2) ► Unplanned Discharges of the Potable Water System ⁶³														
Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Discharge Duration (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L) ⁶⁴	pH (standard units) ⁵²	Discharge Turbidity (Visual) ⁵²	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time ⁶⁵	Inspector arrival time	Responding crew arrival time

⁶³ This table contains all of the unplanned discharges that occurred in this FY.

⁶⁴ Monitoring data is only required for 10% of the unplanned discharges. If you monitored more than 10% of your unplanned discharges, report all of the data collected.

⁶⁵ . Notification to Water Board staff is required for unplanned discharges where the chlorine residual is >0.05 mg/L and total volume is ≥ 50,000 gallons. Notification to State Office of Emergency Services is required after becoming aware of aquatic impacts as a result of unplanned discharge or when the discharge might endanger or compromise public health and safety.